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INDEX-CATALOGUE OF MEDICAL AND VETERINARY ZOOLOGY

SUPPLEMENT 22, PART 6, SECTION C. TREATMENT

PARASITE-SUBJECT CATALOGUE
SUBJECT HEADINGS AND TREATMENT

UNITED STATES
DEPARTMENT OF
AGRICULTURE

PREPARED BY
SCIENCE AND
EDUCATION
ADMINISTRATION

INDEX-CATALOGUE OF MEDICAL AND VETERINARY ZOOLOGY

SUPPLEMENT 22, PART 6, SECTION C. TREATMENT

PARASITE-SUBJECT CATALOGUE
SUBJECT HEADINGS AND TREATMENT

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PREFACE

The Index-Catalogue of Medical and Veterinary Zoology is an index to the world's literature on animal parasites of animals, including man. The Catalogue is distributed to qualified individuals and libraries throughout the world without charge. It has been maintained in cumulative files since 1892. Only the Author Catalogue has been published in its entirety. A revision of the Author Catalogue of the Index-Catalogue of Medical and Veterinary Zoology, consisting of Parts 1 to 18, was published during the period 1932-52. Beginning in 1953, a series of supplements designed to publish the backlog was initiated. This was completed with Supplement 6, published in 1956. From 1956 to 1964, supplements covering authors A to Z were issued on an annual basis.

Beginning with Supplement 15, the Parasite-Subject Catalogues, containing indices to the author references, have been issued. The Author Catalogues of Supplements 15-21 continued the format of previous supplements. Users should note that for each reference in the Author Catalogues of these supplements the author(s) plus the date and letter (e.g., Smith, J.; and Doe, L., 1978 b) are the key to all items in the Parasite-Subject Catalogues derived from that reference. In other words, when using the Parasite-Subject Catalogues of Supplements 15-21, it is necessary to consult the Author Catalogue of the corresponding supplement for complete bibliographic information.

Commencing with Supplement 22, basic bibliographic information is included with each entry in Parts 2-7. It should be emphasized, however, that it will still be useful to consult the Author Catalogue for a variety of other information that may be found there: Title of the reference, translated title, language of text and summaries, issue date, library from which the original may be obtained, published corrections, related references by the same author, and other miscellaneous information.

Each supplement consists of the following parts:

- Part 1, Authors: A-Z
- Part 2, Parasite-Subject Catalogue: Parasites: Protozoa
- Part 3, Parasite-Subject Catalogue: Parasites: Trematoda and Cestoda
- Part 4, Parasite-Subject Catalogue: Parasites: Nematoda and Acanthocephala
- Part 5, Parasite-Subject Catalogue: Parasites: Arthropoda and Miscellaneous Phyla
- Part 6, Parasite-Subject Catalogue: Subject Headings and Treatment
- Part 7, Parasite-Subject Catalogue: Hosts

Users should bear in mind that this is an Index-Catalogue, not a treatise, and should not expect to find reasons for any given entry. Nor does citing of synonymy mean that it is necessarily correct. The same statement holds for hosts, locations, localities, authorship of taxa, designation of new taxa, etc. These items are cited as given by the author(s) of the publication being indexed.

The information included in any given supplement represents only the publications that have been indexed in that supplement; and therefore, exclusion of, or limited entries for, any given author or parasite has no significance. No pretension is made for completeness, and assistance in correcting errors or obtaining additional information is appreciated. Reprints of papers on parasitology are requested.

EXPLANATORY NOTE

Author Catalogue

The Author Catalogue (Part 1 of each supplement) contains full bibliographic information for each publication indexed during the compilation of that supplement. A symbol for the library from which the original publication may be obtained is given at the end of each entry, e.g., Wa, Wm, Wc, etc. A key to these library symbols may be found in Supplements 10 and 20. A list of serial abbreviations new to our files is published at the beginning of each Author Catalogue.

Parasite Catalogues

The Parasite Catalogues (Parts 2-5 of each supplement) are divided by parasite phyla (Protozoa, Trematoda, etc.). They are arranged alphabetically by genera, parasitic diseases, and higher taxa and then alphabetically by species within genera. Entries under each heading are in turn arranged alphabetically by authors and then chronologically for each author. Each entry consists of the name of the parasite or parasitic disease, the author(s) of the publication, date, abbreviated title of the publication, volume, number, inclusive pages, and a subheading. Illustrations of parasites are indicated by the word illus. following the name of the parasite.

Fasciola hepatica, illus.
  Smith, J.; and Doe, L., 1978, J. Parasitol., v. 64 (1), 30-38
    Fasciola hepatica, white mice, successful vaccination with culture incubate antigens and antigens from sonic disruption of immature worms
  Subheading
 Bibliographic information (author line(s))
Entry term

A variety of information is found indented beneath the author line(s) of each entry: Classification, hosts, synonymy, keys, treatment, etc. Subheadings are guides to the subject matter of the publication.

(1) **Classification:** In entries based on systematic articles, the subheading may give the higher taxa in which the taxon has been placed or it may list the lower taxa included in a higher taxon.

(2) **Hosts:** The only hosts recorded are those that pertain directly to the author's own work. Scientific host names are used unless the author gives only common names, in which case the host names are given exactly as in the original publication.

However, when host common names are in Cyrillic alphabet languages, host Latin names are assigned and listed instead of the common name; these are in square brackets [ ].

Locations of parasites in or on hosts are given in parentheses ( ). Where a host-parasite relationship is well known, a host may be given under a parasite name and not in the Host Catalogue; this applies particularly to parasites of medical and veterinary importance and of worldwide distribution. A + before the host name on the parasite entry means that no host entry was made for this particular reference.

(3) **Synonymy:** Usually only those synonyms which the author indicates as new, or which are new to the files of the Index-Catalogue of Medical and Veterinary Zoology, are given.

(4) **Keys:** The subheading "key" indicates that the name is included in a taxonomic key.

(5) **Treatment:** When there are several antiparasitic agents mentioned in a publication, a general term is used in the subheading, e.g., anthelmintics, insecticides, protozoacides. However, in the Treatment Catalogue, all agents tested by the investigator(s) are listed.

(6) **Geographic Distribution:** When there are multiple hosts and geographic localities, the appropriate locality is

recorded after each host name; when the hosts of a parasite are all from one locality, they are recorded as "all from" this locality.

(7) **Other Subject Matter:** Phrases indicate other subject matter discussed (e.g., immunity, metabolism, morphology, etc.).

Subject Headings Catalogue

The Subject Headings Catalogue (the first section of Part 6 of each supplement) is an alphabetic arrangement of entry terms from a controlled list of subject headings. Each entry consists of the subject heading, bibliographic information, and a subheading reflecting the information contained in the paper. Subject headings with numerous entries are separated into alphabetized subdivisions, e.g.,

Immunity
Immunity, Agglutination
Immunity, Allergy

Treatment Catalogue

In the Treatment Catalogue (a section of Part 6 of each supplement), all entries referring to one antiparasitic agent are grouped under one heading (regardless of the name used by the investigator) and are then listed alphabetically by author. Other names for the same agent are cross-referenced to the name used for filing. When generic and chemical names are available, preference is given to those names as headings rather than to trade names or code numbers and letters. Code number designations for compounds are entered in the Number Index in numerical order and cross-referenced to the name under which they are listed in the alphabetical section. Salts of a compound are usually grouped together, e.g., piperazine adiphate, piperazine citrate, etc., are all listed under Piperazine. Sometimes verifying synonymy of drug names is impossible; consequently, groupings and cross-references are not always authenticated although as many as possible have been checked with reliable sources. In some instances, the cross-references are based entirely on information in papers indexed and verification was not possible. Foreign language terminology has been anglicized where feasible. Chemosterilants, Molluscicides, and Repellents are entered under these three collective headings and not under the individual chemical. The format is the same as the parasite entries: Entry term (in this case, drug name), bibliographic information, and subheading.

Host Catalogue

The Host Catalogue (Part 7 of each supplement) is arranged alphabetically by genera, common names, and higher taxa and then alphabetically by species within genera. Nominate subspecies are interfiled with the species. Entries under each heading are in turn arranged alphabetically by author(s) and then chronologically for each author. The format is the same as in the other Catalogues, i.e., entry term (in this case, host name), bibliographic information, and subheading. Indented beneath the author line(s) of each host entry are all the parasites of a particular phylum that were reported from this host in the paper in question. Body locations of these parasites will be found in parentheses ( ) either in the subheading or with the host name. Experimental infection is reported as such. When there are multiple parasites and geographic localities, the appropriate locality is recorded after each parasite name; when the parasites from this host are all from one locality, they are recorded as "all from" this locality. When authors use only common names of hosts, scientific names are cautiously supplied from authoritative sources after careful consideration. Cross-references from the common name used by the author to the scientific name supplied by the Index-Catalogue are filed among the host entries. Such supplied names are given in square brackets [ ]. If a scientific name cannot be supplied, English common names are used. Scientific names or English common names are always supplied for common names in Cyrillic alphabet languages, and no cross-references are made. Surveys of parasites of humans and domestic animals are often indexed under geographic headings and entered in Part 6, Subject Headings, in addition to appearing in the Host Catalogue. In this case, all parasite phyla are grouped under the same host entry, and individual parasite entries are not included in the Parasite Catalogue.

Visitors are welcome to come to the Animal Parasitology Institute to use the cumulative files. Arrangements should be made in advance for lengthy visits.

All correspondence should be addressed to:

Index-Catalogue of Medical and Veterinary Zoology
Animal Parasitology Institute
USDA, SEA-AR, BARC-East, Building 1180
Beltsville, Maryland 20705 U.S.A.

It is hoped that these Catalogues will serve as a useful tool to workers in the field of parasitology. Users are requested to preserve the Catalogues, since they are not designed for general distribution and the edition is limited.

The compilers thank the staffs of the Technical Information Systems of the Science and Education Administration, the National Library of Medicine, and all other libraries who have aided us invaluably by making publications available to us.

Trade names are used in this publication solely for the purpose of providing specific information. Mention of a trade name does not constitute a guarantee or warranty of the product by the U.S. Department of Agriculture or an endorsement by the Department over other products not mentioned.

NUMBER INDEX

COE-1. See Diaveridine or Ethopabate or Sulfachloropyrazine.

JH-I. See Methyl 10,11-epoxy-7-ethyl-3,11-dimethyl-2,6-tridecadienoate.

Banminth II. See Morantel.

Cooper's Skin Dressing No. 2. See Rotenone.

Exhelm II. See Morantel.

HS-2. See (E)-5-[(3,7-Dimethyl-2,6-octadienyl) oxy]-2-methylpyridine.

Equigard 3. See Dichlorvos.

Ni3. See Ni3.

IA-4. See 8-Chloro-2-[(diethylamino)ethyl]-2H-[1]-benzothiopyrano[4,3,2-cd]-indazole-5-methanol monomethane-sulfonate.

IA-4 N-oxide. See 8-Chloro-2-[(diethylamino) ethyl]-2H-[1]-benzothiopyrano[4,3,2-cd]-indazole-5-methanol monomethane-sulfonate.

Atgard V. See Dichlorvos.

5-DeazaFMN. See 5-Deazariboflavin 5'-phosphate.

Fasigyn V. See Tinidazole.

Ruelene 6R. See Crufomate.

7-Deazaadenosine. See Tubercidin.

8-Azaguanine. See Guanazolo.

Whitsyn 10. See Pyrimethamine or Sulfaquinoxaline.

RC-12. See 1,2-Dimethoxy-4-(bis-diethylaminoethyl)-amino-5-bromobenzene.

RC12 hydroxynaphthoate. See RC12 hydroxynaphthoate.

RC 12 naphthalene disulphonate. See RC 12 naphthalene disulphonate.

Des L 20. See Des L 20.

Gammalin 20. See Benzene hexachloride, Gamma.

Gammaxane 20. See Benzene hexachloride, Gamma.

Supona-20. See Chlorfenvinphos.

U-21. See Clindamycin.

U 24. See N-Demethyl-4'-pentyl-clindamycin.

Coyden 25. See Meticlorpindol.

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Kohkin 25. See Sulfadimethoxine.

Ruelene 25E. See Crufomate.

Helmatac 30. See Parbendazole.

Coban 45. See Monensin.

Actellic 50 EC. See Pirimiphos-methyl.

Anti-germ 50. See Anti-germ 50.

Asuntol 50. See Coumaphos.

Famid 50 WP. See Dioxacarb.

Marlate 50. See Methoxychlor.

Metation E 50. See Fenitrothion.

Z-50. See Ronnel.

Bonaid 100. See Buquinolate.

Schistocide T102. See Schistocide T102.

Z-51. See Bromophos.

IPO-62. See Bromfenvinfos.

IPO-63. See O,O-Dimethyl-O-1-(2,4-dichlorophenyl)-2-bromovinyl phosphate.

Vetox 85. See Vetox 85.

HS-103. See (E)-5-[(3,7-Dimethyl-2,6-octadienyl) oxy]-2-ethylpyridine.

T.C. 109. See Atrican.

Z-110. See Z-110.

T-113. See Butonate.

HB-126. See 1-(5-Nitro-2-furyl)-2-[5-amino-2-(1,3,4-thiadiazolyl)]-ethylene.

F151. See (Diamino-4,6-triazinyl-1,3,5-amino-2)-4-phenyl-arsino di (D-thio-3-amino-2-methyl-3-butyric acid).

SPA-S-160. See Mepartricin.

NRDC 161. See NRDC 161.

Bayer 169. See Bayer 169.

F 175. See (Diamino-4,6-triazinyl-1,3,5-amino-2)-4-phenyl-arsino di (D-thio-3-amino-2-methyl-3-butyric acid) or 2-[2-(4-Hydroxyphenyl)-6-benzimidazolyl]-6-(1-methyl-4-piperazyl) benzimidazole.

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NF-180. See Furazolidone.

A204 normal propyl. See A204 normal propyl.

A204 sodium. See A204 sodium.

Bayer 205. See Suramin.

SPA-S-222. See Mepartricin or Sodium laurylsulphate.

P-247. See Trichlorfon.

HOE 258 V. See 2-[2-(4-Hydroxyphenyl)-6-benzimidazolyl]-6-(1-methyl-4-piperazyl) benzimidazole.

MK-302. See Arpocox.

Fourneau 309. See Suramin.

EQ 335. See Benzene hexachloride, Gamma.

Eli Lilly EL-411. See O,O-Diethyl phosphonodithioate S-ester with 1-(mercaptomethyl)-4-methyl-3-(trifluoromethyl-Δ^2-1,2,4-triazoline-5-thione).

G-418. See G-418.

WR 448. See Dapsone.

4A65. See Imidocarb.

4A65 dihydrochloride. See Imidocarb.

B 505. See 2-Methyl-6-(4-diethylamino-1-methylbutylamino)-5,8-dimethoxyquinoline.

ZR-515. See Methoprene.

G-526. See Bemosate.

X-537A. See Lasalocid.

CI-578. See Piperazine or Pyrvinium.

Ro-0582 [i.e., Ro 7-0582]. See Misonidazole.

E 600. See Diethyl p-nitrophenyl phosphate.

MC-A-600. See Mobam.

Zoecon ZR-600. See S-Ethyl (E,E)-3,7,11-trimethyl-2,4-dodecadienethioate.

SP 647. See 2-Chloro-4-(1)-piperazinobenalazine.

CELA K-673. See O-[2,5-Dichloro-4-(methylthio) phenyl] O-ethyl methylphosphonothioate.

693 B. See Ethylstibamine.

Aureo-S-700. See Chlortetracycline or Sulfamethazine.

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ZR777. See Kinoprene.

Hoe 881. See Fenbendazole.

Hoe 881 V. See Fenbendazole.

NF-902. See Furaltadone.

MK-905. See Cambendazole.

MK-910. See 1-Methyl-2-(p-fluorophenyl)-5-nitroimidazole.

MK 915. See Flunidazole.

CN-1101. See 4-Methylprimaquine.

T 1206. See T 1206.

T 1206 HCl. See T 1206 HCl.

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T 1487. See T 1487.

WR 1543. See Quinacrine.

WR 1544. See Chloroquine.

DJ 1550. See Sulfamonomethoxine.

Bayer 1694. See Bayer 1694.

Bayer 1703. See Bayer 1703.

Sch 1773. See (5-Nitro-1-thienyl)-N-acetylamine.

K 1900. See Nitrimidazine.

Bay VG 2222. See Tetramisole.

Bayer 2493. See Bayer 2493.

U.K. 2500. See Pyrantel.

Bay 2502. See Nifurtimox.

Bayer 2502. See Nifurtimox.

M&B 2540. See M&B 2540.

CELA S-2957. See Phosphorothioic acid, 0-[2,5-dichloro-4-(methylthio) phenyl] 0,0-diethyl ester.

WR 2975. See Primaquine.

WR 2976. See Quinine.

WR 2977. See Amodiaquin.

WR 2978. See Pyrimethamine.

WR 3,090. See 2,4,7-Triamino-6-o-tolyl-pteridine.

WR 3102. See WR 3102.

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CN 3123. See Sulfamoxole or Trimethoprim.

ICI 3,349. See 2-[3-(4-Chlorophenyl) guanidino]-4-(2-diethyl-aminoethylamino)-6-methyl-pyrimidine.

Dow M-3455. See Dursban.

WR 3,709. See Pararosaniline.

Stauffer N-3727. See 0-Methyl S-phenyl methylphosphonodithioate.

UK-3883. See 2-(N-Isopropylaminomethyl)-6-methyl-7-nitro-1,2,3,4-tetrahydroquinoline.

Bay Va 4059. See Brotianide.

Compound 4072. See Chlorfenvinphos.

WR 4234. See Pamaquine.

UK-4271. See Oxamniquine.

CGP 4540. See 4-Isothiocyanato-4'-nitrodiphenylamine.

WR 4629. See Sulfalene.

Bay b 5097. See Clotrimazole.

WR 5,677. See Dypnone guanyl hydrazone.

WR 5677 HCl. See Dypnone guanyl hydrazone.

V5851. See (Diamino-4,6-triazinyl-1,3,5-amino-2)-4-phenyl-arsino di (D-thio-3-amino-2-methyl-3-butyric acid) or 2-[2-(4-Hydroxyphenyl)-6-benzimidazolyl]-6-(1-methyl-4-piperazyl) benzimidazole.

WR 5949. See Trimethoprim.

WR 5,994. See WR 5,994.

WR 6,012. See WR 6,012.

WR 6,025. See WR 6,025.

WR 6026 2HCl. See WR 6026 2 HCl.

62C47. See 1,5-Bis(4-trimethylammoniumphenyl) pentan-3-one diiodide.

Wellcome 62T59. See Wellcome 62T59.

FI 6518. See Oxyphenisatin acetate or Paromomycin or Piperazine.

BRL 6,548. See BRL 6,548.

Esso ER-6622. See 0-Ethyl S-propyl S-[2-(propylthio) propyl] phosphonodithioate.

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WR 6798. See Diformyl dapsone.

Vb 6896. See Clenpyrin.

Salsbury compound RT-6912. See Nifursol.

WR 7295. See Endochin.

WR 7,312. See WR 7,312.

BRL 7,368. See BRL 7,368.

WR 7557. See Sulfadiazine.

WR 7573. See WR 7573.

Bayer 7602 Ac. See C,C-Diallyl-bis-(4-amino-2-methyl-6-quinolyl) malonamide.

BRL 7638. See BRL 7638.

R-8229. See Tetramisole.

Embay 8440. See Praziquantel.

WR 8,684. See WR 8,684.

Esso ER-8699. See 0-Ethyl S-[2-(methylthio) ethyl] S-propyl phosphorodithioate.

Shell SD-8713. See 2-Chloro-1-(2,4-dichlorophenyl) vinyl ethyl methyl phosphate.

8,823 R.P. See Metronidazole.

Bayer compound 9010. See Propoxur.

Bayer 9015. See Niclofolan.

Shell SD-9129. See Monocrotophos.

C.9333-Go. See 4-Isothiocyanato-4'-nitrodiphenylamine.

CG 9333 Go. See 4-Isothiocyanato-4'-nitrodiphenylamine.

Go.9333. See 4-Isothiocyanato-4'-nitrodiphenylamine.

9712 R.P. See 1-(2-Benzoyloxyethyl)-2-methyl-5-nitroimidazole.

WR 9838. See 3-Ethyl-2-oxybutyraldehyde-bis-thiosemicarbazone.

12278 R.P. See Bis 1,4[(7-chloroquinol-4-yl)-2-aminopropyl] piperazine.

CP-12574. See Tinidazole.

Geigy GS-13006. See 0,0-Diethyl phosphorodithioate S-ester with 4-(mercaptomethyl)-2-methoxy-Δ^2-1,3,4-thiadiazolin-5-one.

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Win 13.146. See Teclozan.

CGA-13353. See Ethyl 3-methyl-4-[4-(phenyl methyl)phenoxy]-2-butenoate.

Sch 13521. See Flutamide.

CP-14,445. See Oxantel.

RP 14539. See Secnidazole.

Ni 147/36. See Ni 147/36.

WR 14,997. See 1-Aminocyclopentane-carboxylic acid.

153C51. See 1,7,Bis(p-aminophenoxy) heptane.

Wellcome 153C51. See 1,7,Bis(p-aminophenoxy) heptane.

Shell SD 15803. See Vincofos.

HOE 16842. See Bitoscanate.

Hercules 17413. See 0-0-Dimethyl phosphorodithioate S-ester with 3-(mercaptomethyl)-1-methylhydantoin.

R 17,635. See Mebendazole.

AM 18074 P. See Coumaphos.

AMP 18074 N. See Coumaphos.

Sch 18099. See Ethyl-6-ethoxybenzothiazole-2-carbamate.

SQ 18,506. See trans-5-Amino-3-(2-[5-nitrofuryl] vinyl)-1,2,4-oxadiazole.

RU 19110. See Halofuginone.

Stauffer R-19828. See (E)-1-(p-Cumenyloxy)-6,7-epoxy-3,7-dimethyl-2-octene.

R-20458. See (E)-6,7-Epoxy-1-(p-ethylphenoxy)-3,7-dimethyl-2-octene.

Stauffer R-20458. See (E)-6,7-Epoxy-1-(p-ethylphenoxy)-3,7-dimethyl-2-octene.

CGA 22598. See Ektomin.

Ro 2-2985. See Lasalocid.

23253 RP. See Clotrimazole.

FMC 23509. See FMC 23509.

GS-23654. See Nitroscanate.

ZK 25 095. See 5-Morpholinomethyl-3-(5-nitro-1-methyl-2-imidazolyl-methylene-amino)-2-oxazolidinone-hydrochloride.

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WR 25187. *See* Prodigiosin.

ENT-27041. *See* Mobam.

BTS-27271. *See* N'-(2,4-Dimethylphenyl)-N-methyl formamidine.

HOE 28637a. *See* Cyclohexane carboxylic acid-N-methyl piperazide citrate.

A28695A. *See* A28695A.

SKF 29044. *See* Parbendazole.

WR 29,634 2HBr. *See* 29,634 2HBr.

HOE 29691a. *See* Tetrahydro-pyrane-carbonic acid-N-methylpiperazide citrate.

F30066. *See* Nitrofurylacrylamide.

WR 30,090. *See* 6, 8-Dichloro-2-(3',4'-dichlorophenyl)-α-(di-n-butylaminomethyl)-4-quinolinemethanol.

WR 30,090 HCl. *See* 6,8-Dichloro-2-(3',4'-dichlorophenyl)-α-(di-n-butylaminomethyl)-4-quinolinemethanol.

32,644 Ba. *See* Niridazole.

Ciba 32,644-Ba. *See* Niridazole.

WR 33,063. *See* 6-Bromo-α-di-n-heptylaminomethyl-9-phenanthrenemethanol · HCl.

WR 33,063 HCl. *See* 6-Bromo-α-di-n-heptylaminomethyl-9-phenanthrenemethanol · HCl

HOE 33258. *See* 2-[2-(4-Hydroxyphenyl)-6-benzimidazolyl]-6-(1-methyl-4-piperazyl) benzimidazole.

HOE 33258d. *See* 2-[2-(4-Hydroxyphenyl)-6-benzimidazolyl]-6-(1-methyl-4-piperazyl) benzimidazole.

ZN 33,505. *See* ZN 33,505.

U34728E. *See* U34728E.

349C59. *See* Moxipraquine.

BW 349C59. *See* Moxipraquine.

356C61. *See* Dithiosemicarbazone.

Upjohn U-36059. *See* Amitraz.

WR 36,971. *See* p-Methyl thiophenyl-sulfamoylethyl, 2,4-dihydroxy-3,3'-dimethyl butyramide.

WR 40,070. *See* 2,4-Diamino-5-piperonyl-pyrimidine.

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WR 40,078. *See* 4',4"-Bis (2-imidazolin-2-ylamino) dihydrochloride terephthalanilide.

Ro4-0517. *See* Sulfadimethoxine.

Union Carbide UC-41305. *See* 3-Hydroxy-2-mesitylindone or Pivalic acid ester.

BA 41,799. *See* 2-(p-Chlorophenyl)-2-(4-piperidyl)-tetrahydrofuran.

BA 41,799 HCl. *See* 2-(p-Chlorophenyl)-2-(4-piperidyl)-tetrahydrofuran.

Ro 4-5509. *See* N^1-(5-Chloro-4-methoxy-2-pyrimidinyl) sulphanilamide.

AG 45,606. *See* AG 45,606.

BA 45,986. *See* BA 45,986.

Ro-4-7663. *See* N^1-(2-Ethyl-5,6-dimethoxy-4-pyrimidinyl) sulphanilamide.

WR 49,577. *See* 5,6-Dihydroxy-8-(5-isopropylaminopentylamino) quinoline.

WR 49,577 2 HBr. *See* 5,6-Dihydroxy-8-(5-isopropylaminopentylamino) quinoline.

WR 49,677. *See* WR 49,677.

Ro 4-9761. *See* N^1-(6-Chloro-5-phenyl-4-pyrimidinyl) sulphanilamide.

WR 49,808. *See* Menoctone.

BRL 50216. *See* 4,6-Diamino-(3,4-dichlorobenzyloxy)-1,2-dihydro-2,2-dimethyl-1,3,5-triazine hydrochloride.

BRL 50,242. *See* BRL 50,242.

BRL 50,435. *See* BRL 50,435.

BRL 50,591. *See* BRL 50,591.

BRL 51,084. *See* BRL 51,084.

BRL 51,091. *See* BRL 51,091.

BRL 51,091 HCl. *See* BRL 51,091 HCl.

WR 54,036. *See* 6-Methoxy-8-quinolyl-sulfamoylethyl-2,4-dihydroxy-3,3'-dimethyl butyramide.

ICI 56,780. *See* ICI 56,780.

Ro5-9754. *See* Ormetoprim.

Ro 5-9963. *See* 1-(2-Nitro-1-imidazolyl)1,2-propanediol.

SK & F 62979. *See* Albendazole

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RO 6-9550. See Methyl 10,11-epoxy-7-ethyl-3,11-dimethyl-2,6-tridecadienoate.

Ro 7-0207. See Ornidazole.

Ro [7]-0582. See Misonidazole.

Ro 7-0913. See Ro 7-0913.

Ro 7-1051. See N-Benzyl-2-nitro-1-imidazoleacetamide.

Ro 7-1053. See Ro 7-1053.

Ro 7-2430. See N-N-Dimethyl-2-nitro-1-imidazolebutyramide.

Ro 7-6544. See Monensin.

WR 77,135. See WR 77,135.

WR 79,301. See WR 79,301.

Hoffmann LaRoche RO-7-9767. See (E)-[(6,7-Epoxy-3-ethyl-7-methyl-2-nonenyl)-oxy]-1,2-(methylenedioxy)benzene.

Aminobenzaldehyde derivative 80.647. See 2-Chloro-4-(1)-piperazinobenalazine.

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Hoffmann-LaRoche RO-8-4314. See Ethyl 10,11-epoxy-3,7,10,11-tetramethyl-2,6-dodecadienoate.

RO 8-4314. Ethyl 10,11-epoxy-3,7,10,11-tetramethyl-2,6-dodecadienoate.

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WR 90,558. See WR 90,558.

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Smith Kline and French compound 90,625. See 2,4-Dihexanoyl-6-methylphloroglucinol.

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WR 99,210 HCl. See WR 99,210 HCL.

WR 99,662. See 2-[3-(Dimethylamino) propylamino]-4-(trichloromethyl)-6-(α,α,α-trichloro-m-tolyl)-2-triazine.

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WR 122,455. See α-(2-Piperidyl)-3,6-bis (trifluoromethyl)-9-phenanthrene methanol.

WR 122,455 HCl. See α-(2-Piperidyl)-3,6-bis (trifluoromethyl)-9-phenanthrene methanol.

WR 131,836. See Menoctone, 1,2,4-acetylated.

WR 132,504. See p-Methylbenzyltriphenyl-phosphonium chloride.

WR 135,403. See WR 135,403.

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WR 142,490. See Mefloquine.

WR 142,490 hydrochloride. See Mefloquine.

WR 148,703. See WR 148,703.

WR 150,726. See WR 150,726.

WR 150,726 HCl. See WR 150,726 HCl.

WR 154,904. See α-(2-Piperidyl)-2,6-di-(p-trifluoromethylphenyl)-4-pyridinemethanol.

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WR 158,122. See 2,4-Diamino-6-(2-naphthylsulfonyl)-quinazoline.

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WR 169,916. See trans-5-Amino-3-(2-[5-nitrofuryl] vinyl)-1,2,4-oxadiazole.

WR 171,669. See 1-(1, 3-Dichloro-6-trifluoromethyl-9-phenanthryl)-3-di-(n-butyl) aminopropanol.

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WR 172,435. See 3-(Dibutylamino)-1[2,6-bis(trifluoromethylphenyl)-4-pyridyl]propanol.

WR 176,990. See WR 176,990.

WR-177,504. See α-(Di-N-butylaminoethyl)-2,8-(bis-trifluoromethyl)-4-quinolinemethanol, hydrochloride.

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WR 178,340. See 2H-Benzimidazole-2-1,5-arsenoso-1,3 dihydrohemihydrate.

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WR 180,409. See α-(2-Piperidyl)-2-(4-trifluoromethylphenyl)-6-trifluoromethyl-4-pyridinemethanol.

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Hoffmann-LaRoche RO-20-3600. See (E)-4-[(6,7-Epoxy-3,7-dimethyl-2-nonenyl)oxy]-1,2-(methylenedioxy) benzene.

RO 20-3600. See (E)-4-[(6,7-Epoxy-3,7-dimethyl-2-nonenyl)oxy]-1,2-(methylenedioxy) benzene.

WR 203,607. See WR 203,607.

WR 203,608. See WR 203,608.

Ro 20-5334 HCl. See Ro 20-5334 HCl.

WR 205,439 maleate. See WR 205,439 maleate.

WR 205,632. See Nifurtimox.

WR 206,027 2HCl. See WR 206,027 2HCl.

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Ro 20-7775/001. *See* Ro 20-7775/001.

Ro 20-7776/001. *See* Ro 20-7776/001.

A204 normal propyl
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Eimeria stiedai, E. perforans, E. magna, rabbits, control by administration of antibiotics A204 sodium, A28695A, and A204 normal propyl in pelleted feed

A204 sodium
Fitzgerald, P. R., 1976, J. Protozool., v. 23 (1), 150-154
Eimeria stiedai, E. perforans, E. magna, rabbits, control by administration of antibiotics A204 sodium, A28695A, and A204 normal propyl in pelleted feed

A28695A
Fitzgerald, P. R., 1976, J. Protozool., v. 23 (1), 150-154
Eimeria stiedai, E. perforans, E. magna, rabbits, control by administration of antibiotics A204 sodium, A28695A, and A204 normal propyl in pelleted feed

Abate. See Temephos.

Acaprin. See 1,3-Di-6-quinolylurea.

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diagnostic differentiation of common ticks of Maryland, ticks as disease vectors, control and treatment measures

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ticks, resistance to acaricides, extensive review

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larvae and adult ticks in South Africa showed varying degrees of resistance to acaricides, brief review

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Boophilus microplus, acaricide-resistant vs. -susceptible strains, substrate specificity and catalytic efficiency of critical acetylcholinesterase component

Acaricides
Rawlins, S. C.; and Mansingh, A., 1977, PANS, v. 23 (2), 137-142
Boophilus microplus, Jamaican strain, susceptibility to 35 acaricides, carbamates more effective than organophosphates or formamidines, chlorinated hydrocarbons least effective, comparison of resistance pattern with susceptible and resistant Australian strains

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Wharton, R. H., 1976, World Animal Rev. (20), 8-15
tick resistance to acaricides, table of world-wide geographical and chronological records, alternate methods of tick control, comprehensive review

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Hill, J., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 421-427
Plasmodium berghei nigeriensis, screening compounds for causal prophylactic activity, 2 methods for testing compounds against tissue stages (one for compounds with little or no residual effect and one for those with prolonged residual effect), 9 compounds examined

Acedist. See Bromophenophos.

4-Acetamido-2-ethoxybenzoic acid methyl ester. See Ethopabate.

Acetarsol. See Acetarsone.

Acetarsone -- Acetarsol; Acetylarsan; N-Acetyl-4 hydroxy-m-arsanilic acid; Cozurone (with Dapsone and Pyrimethamine); Polymix (with Nitrofurazone and Sulfamethazine and Sulfaquinoxaline); Stovarsol.

Acetylarsan (N-Acetyl-4 hydroxy-m-arsanilic acid)
Agrawal, M. C.; and Dutt, S. C., 1977, Indian Vet. J., v. 54 (1), 77-79
Stephanofilaria zaheeri, buffaloes, in vitro and in vivo drug trials, high efficacy with malathion: Jabalpur

Polymix
Manuel, M. F.; Parawan, O. O.; and Alonso, N. V. II, 1975, Philippine J. Vet. Med., v. 13 (1-2), 1974, 137-146
Eimeria tenella, chicks, clinical signs, cecal pathology, mortality rate, therapeutic value of various water-soluble coccidiostats

Acetarsol (Stovarsol)
Pandey, V. S.; and Mwamba, T., 1977, Vet. Parasitol., v. 3 (2), 189-193
Balantidium coli, piglets, treatment with acetarsol alone and in combination with oxytetracycline, combination 100% effective

Acetarsol + Pyrimethamine + Dapsone (=Cozurone)
Vassiliades, G.; and Toure, S. M., 1975, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 28 (4), 481-489
digestive strongylosis, sheep, morantel tartrate, with or without anticoccidian drug (Cozurone), good control of all except Strongyloides

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Hubert, W. A.; and Warner, M. C., 1975, J. Wildlife Dis., v. 11 (2), 241-244
Epistylis, channel catfish, bioassays of potential control chemicals, salt alone and combined with formalin most effective: experimental raceways, Gallatin, Tennessee

2-Acetoxy-3-bromo-5-chloro-N-4'bromophenylthiobenzamide. *See* Brotianide.

2-Acetoxy-4-chloro-3,5-diiodobenzanilide. *See* Clioxanide.

Acetylarsan. *See* Acetarsone.

N-Acetyl-4 hydroxy-m-arsanilic acid. *See* Acetarsone.

2-Acetylimino-3-[(N-phenylcarbamoyl)methyl]-2,3,4,5-tetrahydrothiazole
Farag, H. H.; Youssef, A. F.; and Omran, L. A., 1977, J. Pharm. Sc., v. 66 (3), 423-425
Oxyuris, rats, 2-acetylimino-3-[(N-phenylcarbamoyl)methyl]-2,3,4,5-tetrahydrothiazole

Achromycin. *See* Tetracycline.

Acinitrazole. *See* Aminitrozole.

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Acranil
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Spironucleus muris, nude mouse (exper.) an excellent model for immunologic and pharmacologic studies; dimetridazole, metronidazole, tinidazole, and acranil tested

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Giardia lamblia in children, comparative clinical trials testing acranil, furazolidone, metronidazole, paromomycin and intestopan

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tapeworms, human, epidemiological analysis, geographical distribution, sex, age, social structure, occupation and clinical symptoms; transmission by raw meat, efficacy of anthelmintics: Slovak Socialist Republic

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Acriflavine -- Acriflavine hydrochloride.

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Stephanofilaria zaheeri, buffaloes, in vitro and in vivo drug trials, high efficacy with malathion: Jabalpur

Acriflavin
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Leptomonas, cross-resistance patterns of antrycide-resistant clones

Acriflavine -Continued.

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Leptomonas of insect origin, cross-resistance patterns of clones to a variety of medical and veterinary trypanocides and leishmanicides, potential as a model screening system

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Entner, N.; and Grollman, A. P., 1973, J. Protozool., v. 20 (1), 160-163
Entamoeba histolytica, effect of amebicidal agents on protein synthesis, correlation of drug structural characteristics with biologic activity, implications for designing drugs with increased margin of selective toxicity for parasite vs. host

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Trypanosoma brucei, effect of suramin and other trypanocidal compounds on sn-glycerol-3-phosphate oxidase, results suggest this enzyme is one of principal sites of action of suramin in vivo

Acriflavine HCl
Goldberg, B.; et al., 1974, J. Protozool., v. 21 (2), 322-326
Leptomonas sp., inhibition by several standard antiprotozoal drugs of growth and oxygen uptake of cells and particulate preparations, possible use as model organism for screening antitrypanosomatid agents as compared to Crithidia fasciculata

Acriflavine
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Crithidia fasciculata, isolation of DNA-dependent RNA polymerases, purified nuclear and kinetoplast DNA can serve as templates for these RNA polymerases, this RNA synthesis is inhibited by several trypanocidal drugs, hybridization experiments revealed no homologies between Blastocrithidia culicis and Crithidia fasciculata K-DNA

Acriflavine
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Eimeria maxima, genetic transfer of drug resistance, results support view that drug resistance factors are transferred at zygote formation, phenomenon took place between variants of the same species (Eimeria maxima var. indentata) but not between different species (Eimeria brunetti), transference not affected by treatment with acriflavine

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Leptomonas, clones resistant to berenil, acriflavin, or pentamidine, kinetoplast and mitochondrion morphology and function

Acriflavine -- Continued.

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Laufer, W. E., 1970, Med. Proc., Johannesburg, v. 16 (6), 103-107
decreased hatching of Schistosoma haematobium ova in chlorinated water, comparison trials with acriflavine and lucanthone solutions

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Macadam, R. F.; and Williamson, J., 1974, Ann. Trop. Med. and Parasitol., v. 68 (3), 291-299
Trypanosoma rhodesiense, acriflavine, ethidium, antrycide, drug effects on fine structure

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Leishmania tropica, effects of ethidium bromide and several acridine dyes on kinetoplast DNA

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in vitro testing of 24 compounds (9 found promising) for possible cysticidal activity against Acanthamoeba polyphaga and A. castellanii (2 strains), comparison with results with Naegleria gruberi

Acriflavin
Podkulski, K.; et al., 1974, J. Protozool., v. 21 (3), 430 [Abstract]
Leptomonas, cloning populations resistant to Berenil and to acriflavin

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theileriasis, exotic and cross-bred cows, treatment, best results using Berenil coupled with Achromycin: Andhra Pradesh

Acriflavine
Williamson, J.; and Scott-Finnigan, T. J., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (1), 1-2 [Demonstration]
Trypanosoma congolense, in vitro testing of antiviral and antitumor compounds with possible trypanicidal effects, probable RNA inhibition

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Acriflavine hydrochloride. See Acriflavine.

Actellic 50 EC. See Pirimiphos-methyl.

Actidione. See Cycloheximide.

Actinomycin-D. See Dactinomycin.

Adenine arabinoside. See Vidarabine.

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Williamson, J.; and Macadam, R. F., 1976, Tr. Roy. Soc. Trop. Med. and Hyg., v. 70 (2), 130-137
Trypanosoma rhodesiense, effects of puromycin and its aminonucleoside, cordycepin and nucleocidin on fine structure

Adenosine N-oxide
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Trypanosoma congolense, in vitro testing of antiviral and antitumor compounds with possible trypanicidal effects, probable RNA inhibition

Adenosine sulfamate
Heischkeil, R., 1974, Tropenmed. u. Parasitol., v. 25 (1), 105-115
Plasmodium vinckei, mice, purine and pyrimidine derivatives, antimetabolic activity against structurally analogous vitamins of the B complex and precursors of nucleic acids, plasmodiostatic activity compared to some standard antimalarials

Adrenal-cortical hormones + Arsobal
Bertrand, E.; and Rive, J., 1973, Medecine Trop., v. 33 (3), 279-282
human African trypanosomiasis, changes in cerebrospinal fluid and inflammatory reaction before and after arsobal-corticoide treatment

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Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

Aklomide -- Novastat (with Sulfanitran); Novastat-W (with Sulfanitran).

Novastat
McLoughlin, D. K.; and Chute, M. B., 1973, Avian Dis., v. 17 (4), 717-721
Eimeria tenella, chickens (exper.), nequinate, good results against a sensitive strain and strains resistant to non-quinoline coccidiostats, development of nequinate-resistant strain, cross-resistance study

Novastat-W
Manuel, M. F.; Parawan, O. O.; and Alonso, N. V. II, 1975, Philippine J. Vet. Med., v. 13 (1-2), 1974, 137-146
Eimeria tenella, chicks, clinical signs, cecal pathology, mortality rate, therapeutic value of various water-soluble coccidiostats

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Albendazole -- Methyl [5-(propylthio)-1H-benzimidazol-2-yl] carbamate; SK & F 62979.

Albendazole
Benz, G. W.; and Ernst, J. V., 1977, Am. J. Vet. Research, v. 38 (9), 1425-1426
gastrointestinal nematodes, calves (exper.), albendazole significantly reduced infestations

Albendazole -- Continued.

Albendazole
Coles, G. C.; and McNeillie, R. M., 1977, J. Helminthol., v. 51 (4), 323-326
dietary feeding of drugs for 5 days to mice infected with Nematospiroides dubius and Hymenolepis nana, detected all modern anthelmintics examined except stilbazium; simple test using N. spathiger eggs and Nippostrongylus brasiliensis adults to detect anthelmintics in vitro

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Colglazier, M. L.; Enzie, F. D.; and Kates, K. C., 1977, J. Parasitol., v. 63 (4), 724-727
gastrointestinal parasites of ponies, comparative efficacy of 4 benzimidazoles evaluated by critical test method

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Paragonimus kellicotti, cats (exper.), albendazole killed adult flukes and stopped shedding of ova, no clinical signs related to treatment were recognized, may be useful in treating human paragonimiasis

Albendazole
Herlich, H., 1977, Am. J. Vet. Research, v. 38 (8), 1247-1248
efficacy of albendazole against gastrointestinal nematodes and Fasciola hepatica in cattle (exper.); comparison of critical vs. controlled tests

Albendazole
Knight, R. A.; and Colglazier, M. L., 1977, Am. J. Vet. Research, v. 38 (6), 807-808
Fasciola hepatica, sheep (exper.), albendazole, good results against adult flukes, less active against immature stages

Albendazole
Theodorides, V. J.; et al., 1976, Am. J. Vet. Research, v. 37 (12), 1517-1518
gastrointestinal nematodes, calves, albendazole

Albendazole (Methyl [5-(propylthio)-1H-benzimidazol-2-yl]carbamate)
Theodorides, V. J.; et al., 1976, Experientia, v. 32 (6), 702-703
anthelmintic activity of albendazole against liver flukes, tapeworms, lung and gastrointestinal roundworms, brief preliminary report

Albendazole
Theodorides, V. J.; Nawalinski, T.; and Chang, J., 1976, Am. J. Vet. Research, v. 37 (12), 1515-1516
gastrointestinal nematodes, Moniezia spp., sheep, albendazole highly effective

Albendazole
Williams, J. C.; et al., 1977, Vet. Rec., v. 101 (24), 484-486
Ostertagia ostertagi, cattle, albendazole, good results against inhibited fourth stage larvae as well as developing stages and adults, high efficacy against Haemonchus and Cooperia spp., no signs of toxicity

Albendazole -- Continued.

Albendazole (SK & F 62979)
Williams, J. C.; Sheehan, D.; and Fuselier, R. H., 1977, Am. J. Vet. Research, v. 38 (12), 2037-2038
gastrointestinal nematodes, tapeworms, cattle, efficacy of albendazole (oral drench)

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English, F. P., 1969, Med. J. Australia, v. 1 (26), 1359-1360
Demodex folliculorum, infestation of human eyelids and causative factor in blepharitis, clinical review, case report, application of ether or alcohol to cause evacuation of hair follicles by parasites: Australia

Alcohol, Anhydrous -- Ethanol; Ethyl alcohol.

Ethyl alcohol
Agrawal, M. C.; and Dutt, S. C., 1977, Indian Vet. J., v. 54 (1), 77-79
Stephanofilaria zaheeri, buffaloes, in vitro and in vivo drug trials, high efficacy with malathion: Jabalpur

Ethanol
Ito, S.; et al., 1975, Japan. J. Vet. Sc., Tokyo, v. 37 (3), 229-234
Toxoplasma, strains from cats infected with Isospora bigemina, oocysticidal effect of disinfectants, alcohols and other chemicals, only Lomasept, Neo Kurehasol, ethanol, methanol, peracetic acid, ammonia water, ammonium sulfide, and formalin were effective

Ethanol
McHardy, N.; Haigh, A. J. B.; and Dolan, T. T., 1976, Nature, London (5562), v. 261, 698-699
Theileria parva, drug screening in vitro, only Menoctone showed appreciable activity, subsequent tests in cattle artificially infected with ECF confirmed activity of Menoctone against the disease, mode of action not clear but seems to act against schizont or earlier stages and probably along a widely occurring biochemical pathway

Ethyl alcohol
Motomura, I., 1967, Nettai Igaku (Trop. Med.), v. 9 (4), 226-243
Toxoplasma gondii, cysts and proliferative forms, in vitro survival in different concentrations of disinfectants or on incubation with digestive enzymes or bovine bile

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Alcopar. See Bephenium.

Aldrin
  Rawlins, S. C.; and Mansingh, A., 1977, PANS, v. 23 (2), 137-142
    Boophilus microplus, Jamaican strain, susceptibility to 35 acaricides, carbamates more effective than organophosphates or formamidines, chlorinated hydrocarbons least effective, comparison of resistance pattern with susceptible and resistant Australian strains

1-Alkyl-8-(aminoalkylamino)-6-methoxy-1,2-dihydroquinolines
  Carroll, F. I.; et al., 1976, J. Med. Chem., v. 19 (9), 1111-1119
    Plasmodium berghei-infected mice, Plasmodium cynomolgi-infected rhesus monkeys, laboratory trials with reduced 8-aminoquinoline analogues

1-Alkyl-8-(aminoalkylamino)-6-methoxy-1,2,3,4-tetrahydroquinolines
  Carroll, F. I.; et al., 1976, J. Med. Chem., v. 19 (9), 1111-1119
    Plasmodium berghei-infected mice, Plasmodium cynomolgi-infected rhesus monkeys, laboratory trials with reduced 8-aminoquinoline analogues

8-(Alkylamino)-1-(2-diethylaminoethyl)-6-methoxy-1,2,3,4-tetrahydroquinolines
  Carroll, F. I.; et al., 1976, J. Med. Chem., v. 19 (9), 1111-1119
    Plasmodium berghei-infected mice, Plasmodium cynomolgi-infected rhesus monkeys, laboratory trials with reduced 8-aminoquinoline analogues

Allopurinol -- 4-Hydroxy-pyrazolo-(3,4-d) pyrimidine.

Allopurinol (4-Hydroxy-pyrazolo-(3,4-d) pyrimidine)
  Dewey, V. C.; and Kidder, G. W., 1973, J. Protozool., v. 20 (5), 678-682
    Trypanosoma cruzi, growth inhibition by allopurinol, both purines and pyrimidines required for reversal, actual inhibitor is allopurinol ribotide (not free base) acting on orotidine 5'-phosphate decarboxylase

Allopurinol
  Douch, P. G. C.; and Gahagan, H. M., 1977, Xenobiotica, v. 7 (5), 301-307
    Moniezia expansa, Ascaris lumbricoides var suum, reduction and/or hydrolysis of niclosamide and related compounds by intact helminths and by enzyme preparations from the helminths and from mouse and sheep liver homogenates, reduction of niclosamide inhibited by allopurinol, indicates that coadministration of niclosamide and allopurinol might improve efficacy of anthelmintic, hydrolysis of benzanilide and related compounds inhibited by anthelmintic organophosphates

Allopurinol -- Continued.

Allopurinol
  Irvin, A. D.; and Young, E. R., 1977, Nature, London (5627), v. 269, 407-409
    Babesia spp., in vitro test for screening drug activity which exploits finding that Babesia parasites readily incorporate hypoxanthine in an in vitro culture system, may also be used to detect drug resistance patterns and have possible application in primary screening of antimalarial drugs

Allopurinol
  Marr, J. J.; and Berens, R. L., 1977, J. Infect. Dis., v. 136 (6), 724-732
    Leishmania spp., in vitro study of antileishmanial effects of allopurinol and its metabolic derivative oxipurinol, suggested sites of action, reversal of antileishmanial effects by adenine and its derivatives

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Allyaisopropyl acetamide
  Clarkson, A. B., jr., 1975, J. Protozool., v. 22 (3), 21A-22A [Abstract]
    Trypanosoma equiperdum, L-alpha-glycerophosphate oxidase activity in microbodies, 4 drugs known to alter microbody function and/or morphology in mammalian cells had no detectable effect on course of T. equiperdum parasitemia

1,5(4-Allyldimethylammoniumphenyl)pentan-3-one dibromide (284C51)
  Gear, N. R., 1976, Comp. Biochem. and Physiol., v. 55 (1C), 5-10
    4 Schistosoma spp., response to various acetylcholinesterase and cholinesterase inhibitors on hydrolysis of acetylcholine by parasite extracts

Allyxycarb
  Rawlins, S. C.; and Mansingh, A., 1977, PANS, v. 23 (2), 137-142
    Boophilus microplus, Jamaican strain, susceptibility to 35 acaricides, carbamates more effective than organophosphates or formamidines, chlorinated hydrocarbons least effective, comparison of resistance pattern with susceptible and resistant Australian strains

Altosid. See Methoprene.

Altosid IGR. See Methoprene.

Altozar. See Hydroprene.

Alugan
  Isenbuegel, E., 1976, Prakt. Tierarzt, v. 57, Sondernummer, 21-27
    Archaeopsylla erinacei, Notoedres cati, hedgehogs

Alugan
Westcott, G., 1977, Vet. Rec., v. 100 (4), 78 [Letter]
mites, guinea pigs, improved cases using alugan and other acaricides

Ambilhar. See Niridazole.

AME
Visvesvara, G. S.; Healy, G. R.; and Jones, D. B., 1976, J. Protozool., v. 23 (2), 18A [Abstract]
Acanthamoeba spp., in vitro activity of several chemotherapeutic agents

Amethopterin. See Methotrexate.

Amicarbalide -- Amicarbalide diisethionate; 3,3'-Diamidinocarbanilide diisethionate; Diampron.

Amicarbalide
Bacchi, C. J.; et al., 1975, Antimicrob. Agents and Chemotherapy, v. 8 (6), 688-692
Leptomonas of insect origin, cross-resistance patterns of clones to a variety of medical and veterinary trypanocides and leishmanicides, potential as a model screening system

Amicarbalide
Clark, I. A.; et al., 1977, Parasitology, v. 75 (2), 189-196
Babesia microti, abnormal forms in red cells of mice recovering from infection are noninfective, indistinguishable from those present after amicarbalide treatment, and persist in splenectomized hosts, electron microscopy confirms forms as degenerating intra-erythrocytic parasites, probably products of immune response

Amicarbalide (Diampron)
Donnelly, J.; Joyner, L. P.; and Crossman, P. J., 1972, Research Vet. Sc., v. 13 (6), 511-514
Babesia divergens, cattle, natural outbreak in dairy herd monitored by indirect immunofluorescent antibody test, quantitative estimate of incidence rate of infection, level of infection correlated with period at risk, high incidence, low morbidity, no evidence that amicarbalide protected prophylactically: Sussex

Amicarbalide (Diampron)
Findlay, C. R.; and Begg, T. B., 1977, Vet. Rec., v. 100 (19), 406
Babesia major in Bison bison, case histories, amicarbalide, good results: Kent, Britain

Amicarbalide
Irvin, A. D.; and Young, E. R., 1977, Nature, London (5627), v. 269, 407-409
Babesia spp., in vitro test for screening drug activity which exploits finding that Babesia parasites readily incorporate hypoxanthine in an in vitro culture system, may also be used to detect drug resistance patterns and have possible application in primary screening of antimalarial drugs

Amicarbalide
McHardy, N.; Haigh, A. J. B.; and Dolan, T. T., 1976, Nature, London (5562), v. 261, 698-699
Theileria parva, drug screening in vitro, only Menoctone showed appreciable activity, subsequent tests in cattle artificially infected with ECF confirmed activity of Menoctone against the disease, mode of action not clear but seems to act against schizont or earlier stages and probably along a widely occurring biochemical pathway

Amicarbalide (Diampron)
Mitchell, G. F., 1977, Internat. Arch. Allergy and Applied Immunol., v. 53 (4), 385-388
Babesia rodhaini, hypothymic BALB/c.nu/nu mice are more resistant than intact BALB/c.nu/+ mice, proportion of nu/nu survivors is not affected by administration of amicarbalide whereas majority of nu/+ mice develop long-lasting resistance to infection, data suggest that T cell dependent activities are involved in acceleration of parasitaemia and in development of drug-assisted resistance; nu/nu mice are not more resistant than nu/+ mice to Plasmodium berghei

Amicarbalide diisethionate (ACI, Diampron)
Taylor, W. M.; Simpson, C. F.; and Martin, F. G., 1972, Am. J. Vet. Research, v. 33 (3), 533-541
toxicity of babesiacide amicarbalide diisethionate, noninfected ponies

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Amicarbalide diisethionate. See Amicarbalide.

6-Amidino-2-(4'-amidinophenyl)-thionaphthene dilactate -- 98/202.

98/202
Ogada, T.; Fink, E.; and Mbwabi, D., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (2), 280-281 [Abstract]
Rhodesian sleeping sickness, clinical trials of 98/202 (a diamidine), effective with no toxicity except initial pyrexia

6-Amidino-2-(4'-amidinophenyl)-thionaphthene dilactate (98/202)
Raether, W.; and Seidenath, H., 1976, Tropenmed. u. Parasitol., v. 27 (2), 238-244
trypanocidal effects and action of preparation 98/202 in exper. Trypanosoma rhodesiense infections in Macaca arctoides (possible new animal model for late stages of T. rhodesiense infections in man); animals previously treated with pentamidine or diminazene developed resistance to treatment

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1-Amidino-3(3-chloro-4-cyanophenyl) urea
Richards, W. H. G.; and Williams, S. G., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 135-140
Plasmodium falciparum in Aotus trivirgatus, treatment with chloroquine or 1-amidino-3-(3-chloro-4-cyanophenyl) urea, comparison of assessment in vivo with an in vitro test of protein-synthesizing activity (incorporation of radioactive leucine), in vitro system should prove useful in drug metabolism studies and in experiments using large or expensive animals

4-Amidino-phenyldiazonium-chloride
Raether, W.; Loewe, H.; and Seidenath, H., 1974, Tropenmed. u. Parasitol., v. 25 (3), 273-282
Trypanosoma brucei, mice, testing for trypanocidal effect of two cleavage products of Berenil and the possibility of their in vivo recoupling if administered in combination, compared with Berenil

Aminacrine -- 5-Aminoacridine.

5-Aminoacridine
Morales, N. M.; et al., 1972, J. Protozool., v. 19 (4), 667-672
Leishmania tropica, effects of ethidium bromide and several acridine dyes on kinetoplast DNA

Aminitrozole -- Acinitrazole.

Acinitrazole
Coles, G. C., 1975, J. Helminth., v. 49 (3), 205-209
Schistosoma mansoni schistosomula, 3-week-old, and adult worms, activity of 6 clinical and 6 experimental schistosomicides in vitro, concluded that meaningful screening for potential schistosomicides cannot at present be carried out in vitro

5-Aminoacridine. See Aminacrine.

Aminobenzaldehyde derivative 80.647. See 2-Chloro-4-(1)-piperazinobenalazine.

4-Aminobenzamidine-dihydrochloride
Raether, W.; Loewe, H.; and Seidenath, H., 1974, Tropenmed. u. Parasitol., v. 25 (3), 273-282
Trypanosoma brucei, mice, testing for trypanocidal effect of two cleavage products of Berenil and the possibility of their in vivo recoupling if administered in combination, compared with Berenil

4-Aminobenzothiazoles, mono- and dialkylated
Atkinson, E. R.; and Granchelli, F. E., 1976, J. Pharm. Sc., v. 65 (4), 618-620
4-aminobenzothiazoles ineffective in laboratory trials with Plasmodium gallinaceum in chicks

m-Aminobenzoyl-m-amino-p-toluol-1-naphthylamine-4,6,8-trisulfonic acid sodium. See Suramin.

Aminochinol. See Aminoquinol.

6-Amino-9-(2-chloro-6-fluorobenzyl) purine. See Arpocox.

1-Aminocyclopentane-carboxylic acid -- WR 14,997.

WR 14,997
Rane, L.; Rane, D. S.; and Kinnamon, K. E., 1976, Am. J. Trop. Med. and Hyg., v. 25 (3), 395-400
Trypanosoma rhodesiense, test system to evaluate large numbers of candidate drugs based on mortality of mice with blood-induced infections, serves as primary screen or as secondary and confirmatory test for active compounds

9-(3-Amino-3-deoxy-β-D-ribofuranosyl)-6-dimethylamino-β-purine. See Puromycin aminonucleoside.

6-Amino-9-(2,6-dichlorobenzyl) purine (L-628,914)
Miller, B. M.; et al., 1977, Poultry Science, v. 56 (6), 2039-2044
Eimeria spp., chickens, efficacy and tolerance of two 6-amino-9-(substituted benzyl) purines, good results

8-Amino-5,6-dihydroxyquinoline
Fletcher, K. A.; Canning, M. V.; and Gilles, H. M., 1977, Tr. Roy. Soc. Trop. Med. and Hyg., v. 71 (2), 111-112 [Demonstration]
primiquine metabolites, analysis of possible effects on human erythrocytes

4-Amino-2-ethoxybenzoic acid. See Ethopabate.

β-Aminoethyl-[4-n-alkoxy-3-ethyl-phenyl]-keton-hydrochloride, substituted
Hoegel, E.; and Schroetter, E., 1973, Pharmazie, v. 28 (10), 636-640
Ascaris suum, mice (exper.), laboratory synthesis and trials with substituted β-aminoethyl-[4-n-alkoxy-3-ethyl-phenyl]-ketonhydrochloride for possible anthelmintic activity

3-Amino-4-hydroxyphenyl-arsinoxide hydrochloride. See Oxophenarsine.

9-[3-1-(α-Amino-4-methoxy-hydrocinnamamido)-3-deoxy-β-D-ribofuranosyl]-6-dimethylamino-β-purine. See Puromycin.

8-(4-Amino-1-methylbutylamino)-6-methoxyquinoline. See Primaquine.

8-(4-Amino-1-methylbutylamino)-4-methyl-6-methoxyquinoline. See 4-Methylprimaquine.

2-Amino-5-(1-methyl-5-nitro-2-imidazolyl)-1,3,4-thiadiazole
Schlemper, B. R., jr.; Chiari, E.; and Brener, Z., 1977, J. Protozool., v. 24 (4), 544-547
Trypanosoma cruzi, 48-hr drug screening test based on inhibition of exponential growth of culture forms as evaluated by cell counter, comparison with data from treating inoculated mice, advantages of in vitro method; culture forms not suitable for screening additives to prevent T. cruzi transmission by banked blood

4 Amino-N^{10}-methyl-pteroyl-glutamic acid. See Methotrexate.

trans-5-Amino-3-(2-[5-nitro-furyl] vinyl)-1,2,4-oxadiazole -- SQ 18,506; WR 169,916.

SQ 18506
El-Hawey, A. M.; Lan, S. J.; and Schreiber, E. C., 1976, Egypt. J. Bilharz., v. 3 (1), 73-78
S[chistosoma] mansoni, tissue distribution and autoradiographic localization of SQ 18506 studied in infected mice (exper.); uptake by schistosomes cultured in vitro

SQ 18,506
Gaborak, M.; Cover, B.; and Gutteridge, W. E., 1976, Parasitology, v. 73 (2), iii [Abstract]
Trypanosoma cruzi, Ro 7-1051 in vitro and in mice, activity inferior to SQ 18,506, nearly as good as Lampit, and markedly superior to metronidazole

SQ 18506
Gaborak, M.; Darling, J. L.; and Gutteridge, W. E., 1977, Nature, London (5618), v. 268, 339-340
Trypanosoma cruzi, T. dionisii, drug sensitivities of culture forms almost identical, T. dionisii could replace T. cruzi in in vitro drug screens

trans-5-Amino-3-(2-[5-nitro-2-furyl] vinyl)-1,2,4-oxadiazole (SQ 18506)
Gutteridge, W. E.; Cover, B.; and Gaborak, M., 1974, Tr. Roy. Soc. Trop. Med. and Hyg., v. 68 (2), 160-161 [Abstract]
Trypanosoma cruzi, infections in mice and tissue cultures, laboratory trials testing activity of SQ 18506

trans-5-Amino-3-[2-(5-nitro-2-furyl) vinyl]-1,2,4-oxadiazole and analogues (SQ 18506)
Gutteridge, W. E.; Cover, B.; and Gaborak, M., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (2), 276 [Abstract]
Trypanosoma cruzi in tissue culture and mice (exper.), study of SQ 18506 and 8 analogues raises doubts of ability of drug to adequately control infection

trans-5-Amino-3-(2-[5-nitro-furyl] vinyl)-1,2,4-oxadiazole -- Continued.

trans-5-Amino-3-[2-(5-nitro-2-furyl)vinyl]-1,2,4-oxadiazole (WR 169,916; SQ-18,506)
Kinnamon, K. E.; et al., 1977, J. Med. Chem., v. 20 (6), 741-744
Trypanosoma cruzi in mouse model, evaluation of potential antitrypanosomal compounds for suppressive activity equal to or greater than nifurtimox used as reference compound

trans-5-Amino-3-[2-(5-nitro-2-furyl)-vinyl]-1,2,4
oxadiazole (SQ 18.506)
Laemmler, G.; and Schuster, J., 1974, Tropenmed. u. Parasitol., v. 25 (1), 66-74
Schistosoma mansoni in Mastomys natalensis, chemotherapy with SQ 18.506, pathophysiological investigations (serum sorbitol dehydrogenase activity, numbers of leukocytes and eosinophilic granulocytes)

SQ 18,506
Sadun, E. H.; et al., 1975, Am. J. Trop. Med. and Hyg., v. 24 (4), 619-631
Schistosoma japonicum, chimpanzees (exper.), portacaval shunt to dissociate pipe-stem fibrosis and glomerulopathy, results suggest nephropathy more closely related to infection intensity than degree of liver damage; comparisons with untreated controls and SQ 18,506-treated animal

trans-5-Amino-3-[2-(5-nitro-2-furyl)-vinyl]-1,2,4-oxadiazole (SQ 18506)
Shahin, M. M.; and Kilbey, B. J., 1974, Mutation Research, v. 26 (3), 193-198
human schistosomiasis, genetic activity of anti-schistosomal agent SQ 18506 and comparison with activity of hycanthone, laboratory trials with yeast cells

trans-5-Amino-3-[2-(5-nitro-2-furyl) vinyl]-1,2,4-oxadiazole (SQ 18506)
Sims, P.; and Gutteridge, W. E., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (2), 276 [Abstract]
Trypanosoma cruzi in vitro, action of SQ 18506 on epimastigote and blood trypomastigote forms

SQ 18,506
Sims, P.; and Gutteridge, W. E., 1976, Parasitology, v. 73 (2), iii [Abstract]
Trypanosoma cruzi, SQ 18,506, no substantial inhibitory effects on energy metabolism or membrane function, concluded that nucleic acid synthesis is primary target of this drug

SQ 18,506
Sims, P.; and Newsom, R., 1976, Tr. Roy. Soc. Trop. Med. and Hyg., v. 70 (1), 20 [Demonstration]
Trypanosoma cruzi, ultrastructural changes induced by SQ 18,506

2-Amino-5-nitrothiazole -- Enheptin.

Enheptin
Rothenbacher, H. J.; and Bohl, M., 1975, Fisch u. Umwelt (1), 13-23
Hexamita salmonis, brief review of morphology, pathogenicity, diagnosis and therapy; trial of Enheptin, good results

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8-Amino-8-norriboflavine
Graham, D. W.; et al., 1977, Experientia, v. 33 (10), 1274-1276
Eimeria tenella, E. acervulina, anticoccidial activity of riboflavine antagonists

2-Aminophenyl disulphide
Linstead, D. J.; Klein, R. A.; and Cross, G. A. M., 1977, J. Gen. Microbiol., v. 101 (2), 243-251
Trypanosoma brucei, T. brucei brucei, threonine catabolism, inhibition of threonine dehydrogenase by wide range of agents

1-(4-Amino-2-n-propyl-5-pyrimidinylmethyl)-2-picolinium chloride hydrochloride. See Amprolium.

4-Aminopterin
Heischkeil, R., 1973, Ztschr. Tropenmed. u. Parasitol., v. 24 (4), 505-516
Plasmodium vinckei, chemotherapeutic activity of selected antagonists of folic acid metabolism with special reference to structure-activity relationships, comparison with some standard antimalarials; some compounds also exert noxious effect on host

Aminopterin
Irvin, A. D.; and Stagg, D. A., 1977, Exper. Parasitol., v. 41 (1), 172-185
Theileria parva-infected bovine lymphoid cells, apparent defect in purine metabolism suggests that folate antagonists such as aminopterin and methotrexate may have application in therapy of East Coast fever

Aminopterin
Irvin, A. D.; and Young, E. R., 1977, Nature, London (5627), v. 269, 407-409
Babesia spp., in vitro test for screening drug activity which exploits finding that Babesia parasites readily incorporate hypoxanthine in an in vitro culture system, may also be used to detect drug resistance patterns and have possible application in primary screening of antimalarial drugs

4-Aminopyrazolo(3,4-d)pyrimidine
Dewey, V. C.; and Kidder, G. W., 1977, Canad. J. Biochem., v. 55 (1), 110-112
Crithidia fasciculata, inhibited growth with adenine analog, 4-aminopyrazolo(3,4-d) pyrimidine, adenine plus a pyrimidine (or a pyrimidine derivative) necessary for reversal of inhibition, adenine analog not inhibitory to enzymes of pyrimidine biosynthetic pathway; if not for its untoward effects in mammals, 4-APP might be suggested as possible therapeutic agent in trypanosomal infections

3-Aminopyrrolidines
Sturm, P. A.; et al., 1977, J. Med. Chem., v. 20 (10), 1333-1337
Litomosoides carinii in gerbils (exper.), 3-aminopyrrolidines and 1,4-diazabicyclo [3.2.1.]octane derivatives acted as potent microfilaricides but showed no activity against adult worms in laboratory trials comparing activity with that of diethylcarbamazine

Aminoquinol -- Aminochinol.

Aminochinol
Madatov, R. I.; and Mershchiev, V. M., 1973, Vestnik Sel'skokhoz. Nauki Kazakhstana (11), 75-78
nosematosis, bees, chemotherapy, sulfapyridazine + chlortetracyclin most effective

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Amino-4-quinolines
Charmot, G., 1973, Medecine Afrique Noire, v. 20 (10), 745-751
human malaria, clinical indications for drug selection and treatment

Aminosidine. See Paromomycin.

Aminosidine sulfate. See Paromomycin.

3-Amino-2,4,6-triazole
Clarkson, A. B., jr., 1975, J. Protozool., v. 22 (3), 21A-22A [Abstract]
Trypanosoma equiperdum, L-alpha-glycerophosphate oxidase activity in microbodies, 4 drugs known to alter microbody function and/or morphology in mammalian cells had no detectable effect on course of T. equiperdum parasitemia

4-Amino-6-(trichloroethenyl)-1,3-benzenedisulfonamide
Mrozik, H.; et al., 1977, J. Med. Chem., v. 20 (9), 1225-1227
Fasciola hepatica, clinical trials with infected sheep and calves show 4-amino-6-(trichloroethenyl)-1,3-benzenedisulfonamide to be highly active and well-tolerated fasciolicide against immature and mature flukes

4-Amino-6-trichloroethenyl-1,3-benzenedisulphonamide
Ostlind, D. A.; et al., 1977, Brit. Vet. J., v. 133 (2), 211-214
Fasciola hepatica, sheep and cattle, 4-amino-6-trichloroethenyl-1,3-benzenedisulphonamide, effective

Amitraz -- Upjohn U-36059; 2,4-Xylidine, N,N'-[(methylamino) dimethylidyne] bis [2,4-xylidine].

Amitraz (Upjohn U-36059)
Drummond, R. O.; et al., 1976, J. Econom. Entom., v. 69 (1), 37-40
Boophilus annulatus, B. microplus, acaricides, laboratory tests, spray and dip tests with cattle

Amitraz -- Continued.

Amitraz
Roulston, W. J.; et al., 1977, Austral.J. Agric. Research, v. 28 (2), 345-354
Boophilus microplus, characterization of three strains of organophosphorus-resistant cattle ticks, resistance to organophosphorus and carbamate acaricides: Bajool, Tully and Ingham, northern Queensland

Amitraz
Schuntner, C. A.; and Thompson, P. G., 1977, J. Austral. Entom. Soc., v. 15 (4), 1976, 388
Boophilus microplus larvae, formamidine derivatives, inhibition of carbaryl oxidizing enzyme as primary lesion in lethal action

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Ammonia water
Ito, S.; et al., 1975, Japan. J. Vet. Sc., Tokyo, v. 37 (3), 229-234
Toxoplasma, strains from cats infected with Isospora bigemina, oocysticidal effect of disinfectants, alcohols and other chemicals, only Lomasept, Neo Kurehasol, ethanol, methanol, peracetic acid, ammonia water, ammonium sulfide, and formalin were effective

Ammonium sulfide
Ito, S.; et al., 1975, Japan. J. Vet. Sc., Tokyo, v. 37 (3), 229-234
Toxoplasma, strains from cats infected with Isospora bigemina, oocysticidal effect of disinfectants, alcohols and other chemicals, only Lomasept, Neo Kurehasol, ethanol, methanol, peracetic acid, ammonia water, ammonium sulfide, and formalin were effective

Amodiaquin -- Amodiaquin hydrochloride; Basoquin; Camoquin; 7-Chloro-4 (3'-diethylamino methyl-4'-hydroxyanilino) quinoline; 4-[(7-Chloro-4-quinolyl)-amino}-α-(diethylamino)-o-cresol; WR 2977.

Amodiaquin base (Basoquin)
Bruce-Chwatt, L. J., 1976, Munchen. Med. Wchnschr., v. 118 (35), 1097-1107
current recommendations for prophylaxis and control of human malaria

Amodiaquin-HCl (Camoquin)
Bruce-Chwatt, L. J., 1976, Munchen. Med. Wchnschr., v. 118 (35), 1097-1107
current recommendations for prophylaxis and control of human malaria

Amodiaquine
Clyde, D. F.; et al., 1976, J. Trop. Med. and Hyg., v. 79 (2), 38-41
chloroquine-resistant strain of Plasmodium falciparum from Indonesian New Guinea characterized in non-immune volunteers, resistant to most commonly used antimalarials, radical cure produced with mefloquine

Amodiaquin -- Continued.

Amodiaquin (WR 2977)
Davidson, D. E., jr.; et al., 1976, Am. J. Trop. Med. and Hyg., v. 25 (1), 26-33
Plasmodium cynomolgi var. bastianellii, trophozoite-induced malaria in Macaca mulatta as antimalarial drug testing system

Amodiaquine
Dennis, D. T.; Doberstyn, E. B.; and Sissay, A., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (5-6), 522-523
Plasmodium falciparum in humans, response to amodiaquine similar to that of chloroquine: Ethiopia

Amodiaquine hydrochloride
Fink, E.; et al., 1973, Prog. Med., Paris, v. 101 (7), 281 [Abstract]
Plasmodium berghei yoelii, mice (exper.), establishment of mean causal prophylactic dose of selected antimalarial and experimental compounds

Amodiaquin
Fitch, C. D.; Gonzalez, Y.; and Chevli, R., 1975, J. Pharmacol. and Exper. Therap., v. 195 (3), 397-403
Plasmodium berghei chloroquine-resistant and -susceptible, amodiaquin accumulation by infected mouse erythrocytes, comparison with chloroquine accumulation

Camoquin (Amodiaquin hydrochloride)
Gogoi, A. R.; and Hazarika, R. N., 1977, Indian J. Animal Sc., v. 46 (12), 1976, 641-647
poultry cestodes, efficacy of 4 anthelmintics tested

Amodiaquine (Camoquine)
Hall, A. P.; et al., 1975, Am. J. Trop. Med. and Hyg., v. 24 (4), 575-580
Plasmodium falciparum, humans, comparison clinical trials with chloroquine shows amodiaquine toxic and unsuccessful: Thailand

Camoquin
Margono, S. S.; et al., 1977, Southeast Asian J. Trop. Med. and Pub. Health, v. 8 (2), 195-199
Raillietina sp., clinical aspects of infection in 8 children (feces) treated with atabrine or camoquine; comparative measurements and unsuccessful attempt at species identification: Jakarta, Indonesia

Amodiaquine
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

Amodiaquin -- Continued.

Amodiaquine
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

Amodiaquine hydrochloride
Sharma, L. D.; et al., 1977, Indian Vet. J., v. 54 (12), 979-983
Theileria annulata, virulent strain, splenectomized calves (exper.), amodiaquine hydrochloride and imidocarb dipropionate reduced parasitema and mortality, and controlled pyrexia, dyspnea and tachycardia (criteria for drug success)

Amodiaquin (Camoquin)
Talathi, S. B.; Joshi, N. C.; and Sood, S. R., 1973, Pediat. Clin. India, v. 8 (4), 213-214
Plasmodium vivax malaria in neonate following exchange transfusion for Rh incompatibility, successful treatment with amodiaquin, clinical case report, suggested control measures: Bombay, India

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Amodiaquin hydrochloride. See Amodiaquin.

Amoebicides
Diop Mar, I.; and Sow, A., 1973, Medecine Afrique Noire, v. 20 (12), 975-988
Entamoeba histolytica, human, guidelines and drug review for mass therapy

Amoebicides
Giono-Barber, H.; and Sylla, O., 1973, Medecine Afrique Noire, v. 20 (12), 945-957
Entamoeba histolytica, pharmacological aspects and clinical indications for treatment, drugs in current use, humans

Amoebicides
Makoni, S. H. S.; and Sugden, J. K., 1976, Pharm. Acta Helvetiae, v. 51 (6), 153-158
discussion and classification of antiamoebic agents on pharmaceutical basis

Amoebicides
Sankale, M., 1973, Medecine Afrique Noire, v. 20 (12), 959-973
human amoebiasis, clinical indications for therapy, drugs in current use, review

Amopyroquine hydrochloride
Fink, E.; et al., 1973, Prog. Med., Paris, v. 101 (7), 281 [Abstract]
Plasmodium berghei yoelii, mice (exper.), establishment of mean causal prophylactic dose of selected antimalarial and experimental compounds

Amphotalide
Bout, D.; et al., 1977, J. Immunol. Methods, v. 15 (1), 1-8
S[chistosoma] mansoni, schistosomicide drugs used as ligands to isolate target antigens by affinity chromatography, to characterize their enzyme functions and localization on the parasite, and to define their immunogenic capacity

Amphotericin B -- Fungizone; Mysteclin-V (with Tetracycline).

Amphotericin B
Cerva, L., 1973, J. Protozool., v. 20 (4), 535
Naegleria in vitro, sensitivity to brilliant and malachite green equal to amphotericin B

Amphotericin B
Crofts, M. A. J., 1976, J. Trop. Med. and Hyg., v. 79 (5), 111-113
promising results in treating human mucocutaneous Leishmania with amphotericin B: Peru

Amphotericin B
De Jonckheere, J.; and Van de Voorde, H., 1977, J. Protozool., v. 24 (2), 304-309
Naegleria, 6 strains compared in structure, indirect fluorescent antibody test, effect of temperature on growth rate, effect of amphotericin B and fumagillin, growth and cytopathic effect upon Vero cell cultures, and pathogenicity for mice, results demonstrate occurrence of nonpathogenic variants of N. fowleri

Amphotericin B
Duma, R. J.; and Finley, R., 1976, Antimicrob. Agents and Chemotherapy, v. 10 (2), 370-376
Naegleria fowleri, Acanthamoeba castellanii, A. polyphaga, in vitro susceptibility to variety of therapeutic agents, results suggest that amphotericin B is most effective agent against Naegleria but few agents are effective against Acanthamoeba

Amphotericin B
Jadin, J. B.; Hermanne, J.; and Willaert, E., 1972, Medecine et Malad. Infect., v. 2 (5), 205-210
Naegleria fowleri, human meningoencephalitis, case reports, diagnosis using spinal fluid inoculation into mouse brain and nasal instillation, need for prophylactic measures in addition to amphotericin B treatment

Amphotericin B
Kammerer, W. S.; and Perez-Esandi, M. V., 1975, Am. J. Trop. Med. and Hyg., v. 24 (1), 90-95
chemotherapeutic trials using 8 different drugs unsuccessful in treating exper. Echinococcus granulosus infections in mice and jirds

Amphotericin B -- Continued.

Amphotericin B
Mattock, N. M; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 349-357
Leishmania mexicana mexicana, L. tropica major, L. donovani amastigotes in dog sarcoma cells and in hamster peritoneal exudate cell line, techniques for studying sensitivity of parasites and hosts to drugs, concluded that tissue culture system is valid way of determining baseline sensitivity of a Leishmania to chemotherapy, illustrative data with amphotericin B and 7'-trifluormethyl-dihydrocinchonine dihydrochloride

Amphotericin B
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

Amphotericin B (Fungizone)
Nagington, J.; and Richards, J. E., 1976, J. Clin. Path., v. 29 (7), 648-651
in vitro testing of 24 compounds (9 found promising) for possible cysticidal activity against Acanthamoeba polyphaga and A. castellanii (2 strains), comparison with results with Naegleria gruberi

Amphotericin B
Schuster, F. L.; and Rechthand, E., 1975, Antimicrob. Agents and Chemotherapy, v. 8 (5), 591-605
Naegleria fowleri, N. gruberi, amphotericin B, in vitro effects on growth, viability, and ultrastructure

Amphotericin B + Tetracycline hydrochloride (= Mysteclin-V)
Villani, L.; and Moneta, E., 1970, Minerva Ginec., v. 22 (18), 880-886
Trichomonas vaginalis, human vaginitis associated with fungal and bacterial infections, good results with mysteclin-V, case statistics: Roma

Amphotericin B (Fungizone)
Visvesvara, G. S.; and Balamuth, W., 1975, J. Protozool., v. 22 (2), 245-256
Acanthamoeba, Naegleria, Hartmannella, comparative studies on free-living and pathogenic amebae: cyst structure; nutrition; protein composition; immunology; cell free plaques and other cytopathic effects; phospholipase liberation; sensitivity to amphotericin B

Amphotericin B
Visvesvara, G. S.; Healy, G. R.; and Jones, D. B., 1976, J. Protozool., v. 23 (2), 18A [Abstract]
Acanthamoeba spp., in vitro activity of several chemotherapeutic agents

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Amphotericin B methyl ester hydrochloride
Visvesvara, G. S.; Healy, G. R.; and Jones, D. B., 1975, J. Protozool., v. 22 (3), 27A [Abstract]
Naegleria fowleri, 2 pathogenic strains, in vitro effect of amphotericin B methyl ester hydrochloride

Ampicillin
Bassily, S.; et al., 1976, J. Trop. Med. and Hyg., v. 79 (11), 256-258
Schistosoma mansoni in humans, Salmonella and schistosomal associated nephrotic syndrome, pathologic changes, immunoglobulin levels and serum complement pre- and post-treatment with niridazole and ampicillin

Amprol, See Amprolium.

Amprolium -- 1-(4-Amino-2-n-propyl-5-pyrimidinylmethyl)-2-picolinium chloride hydrochloride; Amprol; Amprolium chloride; Amprolium hydrochloride; Amprolmix (with Ethopabate); Amprol Plus (with Ethopabate); Amprolsol-MSD; Amprolvet Super (with Sulfaquinoxaline); Amprosol; Anticoccid; Mixture A.E.S. (with Ethopabate and Sulfaquinoxaline); Pancoxin (with Ethopabate and Sulfaquinoxaline).

Amprolium
Bajwa, R. S.; and Gill, B. S., 1977, Indian J. Animal Sc., v. 47 (3), 126-130
Eimeria tenella, chickens, amprolium in drinking water, development of immunity; treatment more effective with lighter infections, immunization more successful with heavier infections

Amprolium
Baker, N. F.; Walters, G. T.; and Fisk, R. A., 1972, Am. J. Vet. Research, v. 33 (1), 83-86
Eimeria arloingi, E. parva, E. intricata, amprolium, control in feedlot lambs

Amprolium + Ethopabate
Catchpole, J.; and Norton, C. C., 1975, J. Protozool., v. 22 (3), 49A [Abstract]
Eimeria intestinalis, rabbits (exper.), pathogenic effects increased with higher dose levels, developmental stages observed, sulphaquinoxaline in food was partially effective as preventive but not clopidol, treatment in drinking water with sulphadimidine was successful but not amprolium + ethopabate

Amprolium + Sulphaquinoxaline + Ethopabate (=Pancoxin)
Chapman, H. D., 1976, Avian Path., v. 5 (4), 283-290
Eimeria tenella, E. acervulina, E. maxima, incidence in broiler house used for commercial drug trials, resistance to various anticoccidials

Amprolium -- Continued.

Amprolium
Chapman, H. D., 1976, Parasitology, v. 73 (3), 275-282
Eimeria tenella, infections in chicken embryo used to study drug resistance to decoquinate, clopidol, robenidine, and amprolium

Amprolium
Chapman, H. D., 1976, Vet. Parasitol., v. 1 (4), 299-308
Eimeria tenella, delayed treatment used to study mode of action of 7 anticoccidial drugs in the chicken and chicken embryo

Amprolium
Chapman, H.D.; Lewis, J.A.; and Searle, R.M., 1973, Research Vet. Sc., v. 14 (3), 369-375
growth of lambs during acquisition of natural infection of coccidia acquired at pasture, no difference in growth between untreated and amprolium-sulphadimidine treated groups; absence of effect on growth of identical medication regime in relatively coccidia-free lambs indicates lack of toxicity of drugs; results demonstrate that natural subclinical infections of coccidia are not important under this husbandry system

Amprolium
Danielli, Y.; and Neuman, M., 1975, Refuah Vet., v. 32 (4), 94-95, 153-154
mixed parasites, cattle, good results following repeated chemotherapy: Birkat Ata

Amprolium
Fayer, R.; and Johnson, A. J., 1975, J. Parasitol., v. 61 (5), 932-936
Sarcocystis fusiformis, calves (exper.), amprolium reduced severity of acute sarcocystosis (as measured by overall weight gains, packed cell volume, body temperature, postmortem and histological examinations, and serum enzyme levels)

Amprolium (Amprol)
Foreyt, W. J.; Todd, A. C.; and Hartsough, G. R., 1977, Am. J. Vet. Research, v. 38 (3), 391-394
Isospora laidlawi, Eimeria vison and Eimeria sp. in Mustela vison (exper.), good results

Amprolium
Huang, R. J.; and Lee, Y. C., 1975, J. Chinese Soc. Vet. Sc., v. 1 (2), 104-110
Eimeria tenella, chickens, immunization by use of anticoccidials

Amprolium
Joyner, L. P.; and Norton, C. C., 1973, Research Vet. Sc., v. 14 (3), 279-284
Eimeria meleagrimitis known to be sulphaquinoxaline-resistant, activity of amprolium and ethopabate separately or together or in combination with sulphaquinoxaline in Mixture A.E.S., results indicate that activity of mixture was due to ethopabate component although one strain proved resistant to it also, activity of ethopabate reversed by p-aminobenzoic acid; Eimeria adenoeides, effect of amprolium, sulphaquinoxaline, and ethopabate separately and in combination, ethopabate on its own was completely ineffective

Amprolium -- Continued.

Amprolium + Ethopabate
Joyner, L. P.; and Norton, C. C., 1973, Research Vet. Sc., v. 14 (3), 279-284
Eimeria meleagrimitis known to be sulphaquinoxaline-resistant, activity of amprolium and ethopabate separately or together or in combination with sulphaquinoxaline in Mixture A.E.S., results indicate that activity of mixture was due to ethopabate component although one strain proved resistant to it also, activity of ethopabate reversed by p-aminobenzoic acid; Eimeria adenoeides, effect of amprolium, sulphaquinoxaline, and ethopabate separately and in combination, ethopabate on its own was completely ineffective

Amprolium + Ethopabate + Sulphaquinoxaline (= Mixture A.E.S.; Pancoxin)
Joyner, L. P.; and Norton, C. C., 1973, Research Vet. Sc., v. 14 (3), 279-284
Eimeria meleagrimitis known to be sulphaquinoxaline-resistant, activity of amprolium and ethopabate separately or together or in combination with sulphaquinoxaline in Mixture A.E.S., results indicate that activity of mixture was due to ethopabate component although one strain proved resistant to it also, activity of ethopabate reversed by p-aminobenzoic acid; Eimeria adenoeides, effect of amprolium, sulphaquinoxaline, and ethopabate separately and in combination, ethopabate on its own was completely ineffective

Amprolium
Joyner, L. P.; and Norton, C. C., 1977, Parasitology, v. 75 (2), 155-164
Eimeria spp., anticoccidial effects of amprolium alone or with ethopabate, dinitolmide, and monensin with particular reference to oocyst sporulation, significance of effects on gametogony and sporogony

Amprolium + Ethopabate (= Amprolmix)
Joyner, L. P.; and Norton, C. C., 1977, Parasitology, v. 75 (2), 155-164
Eimeria spp., anticoccidial effects of amprolium alone or with ethopabate, dinitolmide, and monensin with particular reference to oocyst sporulation, significance of effects on gametogony and sporogony

Amprolium chloride (Anticoccid)
Kocyłowski, B.; et al., 1976, Bull. Vet. Inst. Pulawy, v. 20 (1-2), 12-17
Eimeria carpelli, carp (intestine), incidence correlated with host age and state of culture and hygiene of ponds, amprolium chloride, good results, higher efficacy than nitrofural: Poland

Amprolium + Ethopabate (=Amprol-plus)
Lee, Y. C.; Hsieh, F. F.; and Chien, C. Y., 1976, J. Chinese Soc. Vet. Sc., v. 2 (1), 44-47
Eimeria tenella, broilers, Stenorol in feed, superior to Elancoban or Amprol-plus as prophylactic treatment, no remarkable differences among treatments in weight gain and feed consumption

Amprolium -- Continued.

Anticoccid (Amprolium)
Lineburg, A.; and Pastuszko, J., 1972, Med. Wet., v. 28 (4), 219-220
coccidiosis, rabbits, Sulfatyf, Anticoccid

Amprolium
Long, P. L., 1973, Folia Vet. Latina, v. 3 (1), 89-109
Eimeria tenella, Eimeria mivati, cultured in chick embryos, technique for screening

Amprolium
McHardy, N.; Haigh, A. J. B.; and Dolan, T. T., 1976, Nature, London (5562), v. 261, 698-699
Theileria parva, drug screening in vitro, only Menoctone showed appreciable activity, subsequent tests in cattle artificially infected with ECF confirmed activity of Menoctone against the disease, mode of action not clear but seems to act against schizont or earlier stages and probably along a widely occurring biochemical pathway

Amprolium
McLoughlin, D. K.; and Chute, M. B., 1973, Avian Dis., v. 17 (4), 717-721
Eimeria tenella, chickens (exper.), nequinate, good results against a sensitive strain and strains resistant to non-quinoline coccidiostats, development of nequinate-resistant strain, cross-resistance study

Amprol Plus
Manuel, M. F.; and Alcarde, J. A., 1975, Philippine J. Vet. Med., v. 13 (1-2), 156-162
coccidiosis, broilers raised on deep litter, Amprol Plus, Zoamix, NF-180, comparative drug efficacies, growth and mortality rates

Amprolium
Manuel, M. F.; Parawan, O. O.; and Alonso, N. V. II, 1975, Philippine J. Vet. Med., v. 13 (1-2), 1974, 137-146
Eimeria tenella, chicks, clinical signs, cecal pathology, mortality rate, therapeutic value of various water-soluble coccidiostats

Amprolium + Ethopabate (=Amprol Plus)
Meingassner, J. G.; and Schick, R., 1977, Wien. Tierarztl. Monatsschr., v. 64 (3), 76-79
Eimeria tenella, hens, comparison of amprolium + ethopabate and clopidol for protection of chick embryos, only clopidol was effective

Amprolium
Mitrovic, M.; and Schildknecht, E. G., 1975, Poultry Science, v. 54 (3), 750-756
Eimeria tenella, chicks, efficacy of lasalocid against sulfaquinoxaline, nicarbazin, zoalene, amprolium, clopidol and 4-hydroxyquinoline resistant E. tenella strains; no resistance to lasalocid induced

Amprolium
Mylari, B. L.; et al., 1977, J. Med. Chem., v. 20 (4), 475-483
Eimeria spp. in chickens, 1-benzyl-6-azauracils as potential new anticoccidials, comparison trials with several experimental and commercial anticoccidials

Amprolium -- Continued.

Amprolium
Potter, L. M.; and Shelton, J. R., 1977, Poultry Science, v. 56 (5), 1748-1749 [Abstract]
large white female turkeys, effects of varying protein and methionine levels and of adding anticoccidial agents in their diets to 16 weeks of age, body weights from anticoccidial treatment not significantly different

Amprolium
Ryley, J. F.; and Wilson, R. G., 1976, Parasitology, v. 73 (2), 137-148
Eimeria tenella, practical considerations involved in screening drugs in cell culture and in the chicken, analysis for incidence of anticoccidial activity and host cell toxicity based on 11,550 compounds screened in vitro, correlation of activity in vitro and in vivo attempted, results show that screening compounds in vitro is not satisfactory or reliable alternative to screening in chickens, but in vitro studies can play a part in evaluation of active drugs

Amprolium
Ryley, J. F.; and Wilson, R. G., 1976, Parasitology, v. 73 (3), 287-309
Eimeria tenella, features of anticoccidial activity of 9 older anticoccidials re-investigated both in vivo and in cell culture, methodology discussed in relation to more active and more recent anticoccidials, further experiments with robenidine reported

Amprolium
Shirley, M. W.; Millard, B. J.; and Long, P. L., 1977, Parasitology, v. 75 (2), 165-176
Eimeria acervulina var. diminuta and Eimeria acervulina var. mivati compared, growth in vitro, response to anticoccidial drugs, electrophoretic mobility profiles of four enzymes

Amprolvet Super
Sperhake, P.; and Kaleta, E. F., 1974, Prakt. Tierarzt, v. 55, Sondernummer, 29-31
Isospora lacazei, canaries, clinical aspects, pathology, diagnosis, differential diagnosis, therapy with Amprolvet Super in drinking water

Amprolmix
Spiess, H., 1976, Tierarztl. Umschau, v. 31 (7), 316-319
coccidiosis, poultry, Monensin in feed as prophylaxis, compared with Nicarbazin and Amprolmix

Amprolium hydrochloride (Amprosol)
Unni, A. K. K.; and Ramakrishnan, A., 1975, Kerala J. Vet. Sc., v. 6 (1-2), 141-145
Eimeria tenella, efficacy of amprolium, chickens, good results

Amprolium -- Continued.

Amprolium hydrochloride (Amprolsol-MSD)
Upadhyay, A. N.; and Ahluwalia, S. S., 1977, Indian Vet. J., v. 54 (5), 360-362
Eimeria spp., pigs, amprolsol-MSD fully effective if administered just after second day of infection

Amprolium
Weppelman, R. M.; Battaglia, J. A.; and Wang, C. C., 1977, Exper. Parasitol., v. 42 (1), 56-66
Eimeria tenella, selection and frequency of drug-resistant mutants in chickens medicated with optimal levels of drugs, mutants resistant to amquinate or glycarbylamide were isolated but this procedure failed to yield mutants resistant to amprolium, nicarbazin, robenidine, or monensin

Amprolium
Wilson, R. G., 1976, Parasitology, v. 73 (3), 283-286
Eimeria tenella, short-term application of 6 drugs in tissue culture, evaluation of coccidiocidal vs. coccidiostatic effect, necessity of monitoring technique to confirm drug withdrawal, importance of realistic level of drug dose

Amprol plus
Wojton, T., 1976, Med. Wet., v. 32 (12), 741-742
Eimeria necatrix, poultry, control, amprol plus and coccidot effective, anticoccid and sulfatyf were less potent

Anticoccid
Wojton, T., 1976, Med. Wet., v. 32 (12), 741-742
Eimeria necatrix, poultry, control, amprol plus and coccidot effective, anticoccid and sulfatyf were less potent

Amprolium
Yvore, P.; and Hubert, J., 1977, Rec. Med. Vet., v. 153 (4), 287-291
Eimeria tenella, E. acervulina, halofuginone added to drinking water of infected chickens (exper.), curative effects compared with action of darvisul and amprolium, good results

Amprolium chloride. See Amprolium.

Amprolium hydrochloride. See Amprolium.

Amprolmix. See Amprolium or Ethopabate.

Amprol Plus. See Amprolium or Ethopabate.

Amprolsol-MSD. See Amprolium.

Amprolvet Super. See Amprolium or Sulfaquinoxaline.

Amprosol. See Amprolium.

Amquinate
Wang, C. C., 1976, Biochem. Pharmacol., v. 25 (3), 343-349
Eimeria tenella, relationship of respiration to sporulation and excystation, inhibition of respiration during sporulation and excystation by quinolone coccidiostats, amquinate-resistant strain much less subject to inhibition by quinolones, 2-hydroxynaphthoquinone coccidiostats are equally effective inhibitors against wild type and amquinate-resistant mutant

Amquinate
Weppelman, R. M.; Battaglia, J. A.; and Wang, C. C., 1977, Exper. Parasitol., v. 42 (1), 56-66
Eimeria tenella, selection and frequency of drug-resistant mutants in chickens medicated with optimal levels of drugs, mutants resistant to amquinate or glycarbylamide were isolated but this procedure failed to yield mutants resistant to amprolium, nicarbazin, robenidine, or monensin

Ananas sativus, alcoholic extract
Chakraborty, B.; Ray, N. M.; and Sikdar, S., 1976, Indian J. Animal Health, v. 15 (2), 117-119
Ananas sativus, in vitro tests against whipworms and flatworms, fair anthelmintic activity but showed less potency than piperazine

Ancylol disophenol. See Disophenol.

Anisomycin
Entner, N.; and Grollman, A. P., 1973, J. Protozool., v. 20 (1), 160-163
Entamoeba histolytica, effect of amebicidal agents on protein synthesis, correlation of drug structural characteristics with biologic activity, implications for designing drugs with increased margin of selective toxicity for parasite vs. host

Antemal. See Pyrimethamine or Sulfalene.

Antepar. See Piperazine.

Anthelmintics
Batte, E. G., 1977, J. Am. Vet. Med. Ass., v. 170 (3), 343-344
review of anthelmintics used to control swine nematodes

Anthelmintics
Bussieras, J., 1973, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 26 (4), 123a-133a
use of anthelmintics in veterinary medicine, problems of use in Africa, review

Anthelmintics
Bussieras, J., 1974, Medecine Afrique Noire, v. 21 (1), 43-52
anthelmintics currently in use in veterinary medicine, review of treatment applications

Anthelmintics
Diallo, J. S.; and Bassabi, S., 1973, Medecine Afrique Noire, v. 20 (11), 923-924
ocular complications resulting from human therapy with antiparasitics, review

Anthelmintics
Drudge, J. H.; and Lyons, E. T., 1977, Am. J. Vet. Research, v. 38 (10), 1581-1586
internal parasites, horses, antiparasitic drugs, methods of evaluation, critical tests, controlled tests and clinical trials, review of methods and criteria

Anthelmintics
Duewel, D., 1975, Progr. Drug Research, v. 19, 48-63
review of laboratory methods used to screen potential anthelmintics

Anthelmintics
Duewel, D., 1976, Zentralbl. Vet.-Med., Beihefte (25), 164-167
progress in effective and safe anthelmintics for veterinary use, brief review

Anthelmintics
Duncan, J. L., 1976, Vet. Rec., v. 98 (12), 233-235
drugs currently used to treat horse internal parasites, review
(piperazine adipate; piperazine citrate; thiabendazole; pyrantel embonate; mebendazole; haloxon; dichlorvos)

Anthelmintics
Gibson, T. E., 1973, Ann. Fac. Med. Vet. Torino, v. 20, Suppl., 122-134
Fasciola hepatica, properties of commonly used fasciolicides, review

Anthelmintics
Gras, G., 1974, Medecine Afrique Noire, v. 21 (1), 11-28
human intestinal anthelmintics; pharmacological properties, chemical structures, screening methods, extensive review

Anthelmintics
Guilhon, J., 1968, Maroc Med. (518), v. 48, 633-642
anthelmintics in current use in helminthiasis of ruminant domestic animals, review

Anthelmintics
Guttowa, A., 1975, Kosmos, Warsaw, s. A., Biol. (134), v. 24 (3), 223-229
parasiticides and environmental contamination, review

Anthelmintics
Himonas, C. A., 1976, Ellen. Kteniatrike, 149-159
helminths, sheep, goats, recommendations for "blind treatment" with combination of several anthelmintics in light of absence of information on distribution and epizootiology of parasites: Greece

Anthelmintics
Lariviere, M., 1975, Medecin Paris (45), 37-48
review of drugs currently used to treat human intestinal helminths and protozoa

Anthelmintics
Marchand, A., 1976, Rec. Med. Vet., v. 152 (9), 517-523
anthelmintics, hazards for treated animals and man

Anthelmintics
Pene, P.; Gastaut, J. A.; and Ranque, P., 1972, Medecine Afrique Noire, v. 19 (5), 449-457
drugs of choice, recommendations for use in treating human intestinal parasites

Anthelmintics
Pouplard, L., 1976, Ann. Med. Vet., v. 120 (8), 515-529
nematodes, anthelmintics in veterinary medicine, review

Anthelmintics
Pouplard, L., 1977, Ann. Med. Vet., v. 121 (1), 5-13
trematodes, cestodes, anthelmintics in veterinary medicine, review

Anthelmintics
Raynaud, J. P.; and Jolivet, G., 1976, Folia Vet. Latina, v. 6 (2), 95-119
gastro-intestinal parasites of pigs, anthelmintic control, sanitation, principles, objective and methods: France

Anthelmintics
Richet, P., 1973, Medecine Afrique Noire, v. 20 (11), 899-920
guidelines for mass therapy in human filarial infections, drugs in current use, review

Anthelmintics
Scott, P., 1977, N. Zealand Vet. J., v. 25 (12), 373-378
detailed review of some modern equine anthelmintics, efficacy and safety

Anthelmintics
Sheth, U. K., 1975, Progr. Drug Research, v. 19, 147-157
comprehensive review of drug action of commonly used human anthelmintics

Anthelmintics
Soyfer, J. C.; and Cristau, B., 1972, Medecine Afrique Noire, v. 19 (5), 439-446
pharmacology, chemical structures, therapeutic use, anthelmintics currently in use for human helminthiasis

Anthelmintics
Supperer, R., 1972, Schweiz. Arch. Tierh., v. 114 (12), 591-600
parasites of pigs, control on breeding and fattening farms, biological basis, therapeutic measures, review

Anthiolimine -- Anthiomaline; Lithium antimony thiomalate.

Anthiomaline
Agrawal, M. C.; and Dutt, S. C., 1977, Indian Vet. J., v. 54 (1), 77-79
Stephanofilaria zaheeri, buffaloes, in vitro and in vivo drug trials, high efficacy with malathion: Jabalpur

Anthiomaline (Lithium antimony thiomalate)
Bhatia, B. B.; and Rai, D. N., 1976, Indian J. Animal Research, v. 10 (1), 43-44
Schistosoma nasale, cattle, anthiomaline (fair results), tartar emetic and antimosan (good results), ambilhar (no effect), clinical trial

Lithium antimony thiomalate
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

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Anthiomaline. See Anthiolimine.

Anthocephalus indicus
Lal, Jawahar; et al., 1976, Indian J. Physiol. and Pharmacol., v. 20 (2), 64-68
Ascaridia galli, in vitro anthelmintic activity of 10 medicinal plants, comparison with piperazine hexahydrate

Anthon. See Trichlorfon.

Anthramycin
Entner, N.; and Grollman, A. P., 1973, J. Protozool., v. 20 (1), 160-163
Entamoeba histolytica, effect of amebicidal agents on protein synthesis, correlation of drug structural characteristics with biologic activity, implications for designing drugs with increased margin of selective toxicity for parasite vs. host

Anti-babesial drugs
Irvin, A. D.; and Young, E. R.; and Purnell, R. E., 1977, Parasitology, v. 75 (2), xxviii [Abstract]
Babesia spp. of mice and cattle, uptake of tritiated purines and pyrimidines, uptake of hypoxanthine inhibited in vitro by anti-babesial drugs in a degree roughly proportional to drugs' efficacy in vivo, may be useful as primary screening method for active drugs

Anticoccid. See Amprolium.

Anticoccidials -- Coccidiostats.

Coccidiostats
Elefterescu, A.; Popescu, E.; and Dinu, M., 1976, Rev. Crest. Animalelor, v. 26 (1), 66-69
coccidiosis, chickens, testing of various coccidiostats, formulas for determining "coccidiostatic index" and "performance percentage", Clopydol gave best results

Anticoccidials
Ryley, J. F.; and Hardman, L., 1977, Parasitology, v. 75 (2), xv [Abstract]
Eimeria spp., effect of vitamin K-deficient diets on infection and in particular on effectiveness of anti-coccidial drugs, concluded that use of deficient diet in screening and evaluating drugs is justified

Anticoccidials
Ryley, J. F.; and Wilson, R. G., 1976, Parasitology, v. 73 (2), 137-148
Eimeria tenella, practical considerations involved in screening drugs in cell culture and in the chicken, analysis for incidence of anticoccidial activity and host cell toxicity based on 11,550 compounds screened in vitro, correlation of activity in vitro and in vivo attempted, results show that screening compounds in vitro is not satisfactory or reliable alternative to screening in chickens, but in vitro studies can play a part in evaluation of active drugs

Coccidiostats
Strosova, Z.; and Danek, J., 1974, J. Protozool., v. 21 (3), 458 [Abstract]
use of chick embryos for screening new coccidiostatic substances

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Anti-germ 50
Mohammed, M. A.; Atef, M.; and Shihata, I. M., 1976, Egypt. J. Vet. Sc., v. 11 (1-2), 1974, 1-5
Eimeria tenella, poultry, efficiency of insecticides and disinfectants against oocysts

Antileishmanials
Steck, E. A., 1974, Progr. Drug Research, v. 18, 289-351
Leishmania spp., extensive review (history, etiology, pathology, epidemiology, immunology, cultivation, biochemistry, chemotherapy)

Antimalarials
Andre, L. J.; Barabe, P.; and Berger, P., 1974, Medecine et Armees, v. 2 (10), 905-909
current drugs used in treatment of human malaria, recommendations for use

Antimalarials
Elslager, E. F., 1974, Progr. Drug Research, v. 18, 99-172
human malaria and filariasis, new perspectives on chemotherapy, extensive review

Antimalarials
Fauran, F., 1973, Medecine Afrique Noire, v. 20 (10), 729-741
pharmacological aspects of antimalarial drugs in current use

Antimalarials
Geddes, A. M., 1975, J. Antimicrob. Chemother., v. 1 (4), 349-350
chloroquine in malaria chemotherapy, brief review including recommendations for chloroquine-resistant strains

Antimalarials
Gueye, I.; and Michel, R., 1973, Medecine Afrique Noire, v. 20 (10), 753-766
guidelines for mass prophylactic therapy against human forms of malaria

Antimalarials
Harinasuta, T.; Gilles, H. M.; and Sandosham, A. A. [Editors], 1976, Southeast Asian J. Trop. Med. and Pub. Health, v. 7 (4), 641-678
human malaria in southeast Asia, scientific group meeting with discussion on: epidemiology, clinical features, pathophysiology, genetic factors, immunology, diagnosis, chemotherapy, control measures

Antimalarials
Helle, I., 1975, Tidsskr. Norske Laegefor., v. 95 (22), 1233-1235
human malaria, suggested treatment and control measures, review: Norway

Antimalarials
Holdsworth, D., 1975, Papua N. Guinea Med. J., v. 18 (3), 142-148
human malaria, traditional medicinal plants used by natives to treat infections: Papua New Guinea

Antimalarials
Jones, I. G.; Lowenthal, M. N.; and Hutt, M. S. R., 1975, Med. J. Australia, v. 2 (16), 645-647
case reports of human fulminant tropical splenomegaly syndrome, possible abnormal immunologic response to malaria, responds generally to prolonged anti-malarial therapy: Zambia

Antimalarials
Kean, B. H.; and Reilly, P. C., jr., 1976, Am. J. Med., v. 61 (2), 159-164
recommendations for diagnosis, prophylaxis and treatment of human malaria with epidemiologic review of recently treated infections in persons who had travelled or lived in endemic areas: New York City

Antimalarials
Pandeya, S. N., 1977, Science and Culture, v. 43 (12), 520-522
malaria, human, history of drug therapy, review

Antimalarials
Papua N. Guinea Med. J., v. 17 (1), 1974, 1-115
multiple articles focusing on human malaria in Papua New Guinea (epidemiology, public health, control programs, vectors, diagnosis, toxicity of antimalarials, statistics of surveys)

Antimalarials
Trigg, P. I., 1976, Bull. World Health Organ., v. 53 (4), 399-406
Plasmodium spp., parasite cultivation in relation to chemotherapy of malaria with special application to chloroquine resistance, review of current aspects and new developments

Antimonials, Tri- and pentavalents
Steck, E. A., 1974, Progr. Drug Research, v. 18, 289-351
Leishmania spp., extensive review (history, etiology, pathology, epidemiology, immunology, cultivation, biochemistry, chemotherapy)

Antimonyl potassium tartrate. See Antimony potassium tartrate.

Antimony potassium tartrate -- Antimonyl potassium tartrate; KSb tartrate; Potassium antimonyl tartrate; Potassium antimony tartarate; Potassium antimony tartrate; Tartar emetic.

Tartar emetic
Agrawal, M. C.; and Dutt, S. C., 1977, Indian Vet. J., v. 54 (1), 77-79
Stephanofilaria zaheeri, buffaloes, in vitro and in vivo drug trials, high efficacy with malathion: Jabalpur

Antimony potassium tartrate (Tartar emetic)
Ahluwalia, S. S., 1972, Indian J. Animal Sc., v. 42 (12), 1054-1056
Schistosoma incognitum, pigs (exper.), antimony potassium tartrate, antimony sodium tartrate, drugs unsuitable for treatment, antimony sodium tartrate most toxic

Potassium antimony tartrate
Bacchi, C. J.; et al., 1975, Antimicrob. Agents and Chemotherapy, v. 8 (6), 688-692
Leptomonas of insect origin, cross-resistance patterns of clones to a variety of medical and veterinary trypanocides and leishmanicides, potential as a model screening system

Tartar emetic (Potassium antimony tartrate)
Bhatia, B. B.; and Rai, D. N., 1976, Indian J. Animal Research, v. 10 (1), 43-44
Schistosoma nasale, cattle, anthiomaline (fair results), tartar emetic and antimosan (good results), ambilhar (no effect), clinical trial

Antimony potassium tartrate -- Continued.

Antimony potassium tartrate
Bout, D.; et al., 1977, J. Immunol. Methods, v. 15 (1), 1-8
S[chistosoma] mansoni, schistosomicide drugs used as ligands to isolate target antigens by affinity chromatography, to characterize their enzyme functions and localization on the parasite, and to define their immunogenic capacity

KSb tartrate
Coles, G. C., 1975, J. Helminth., v. 49 (3), 205-209
Schistosoma mansoni schistosomula, 3-week-old, and adult worms, activity of 6 clinical and 6 experimental schistosomicides in vitro, concluded that meaningful screening for potential schistosomicides cannot at present be carried out in vitro

Potassium antimony tartrate (KSb tartrate)
Coles, G. C., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (2), 291 [Letter]
Schistosoma mansoni in mice (exper.), orally administered potassium antimony tartrate safer and more effective than that given by intraperitoneal or intravenous injection

Potassium antimony tartarate
El-Banhawy, A.; Elwan, O.; and Taher, Y., 1972, Paraplegia, v. 10 (2), 172-180
human schistosomiasis of the central nervous system and spinal cord with involvement of conus medullaris and cauda equina region, clinical and surgical management of cases, potassium antimony tartarate: Egypt

Potassium antimony tartrate
El-Zayadi, A. M.; et al., 1974, Tropenmed. u. Parasitol., v. 25 (2), 147-152
Schistosoma haematobium, human, renal function tests before and after antibilharzial treatment: Egypt

Tartar emetic
Hanson, W. L.; Chapman, W. L., jr.; and Kinnamon, K. E., 1977, Internat. J. Parasitol., v. 7 (6), 443-447
Leishmania donovani in Mesocricetus auratus model, existing procedure modified to make possible screening of 10-15 selected compounds per week for antileishmanial activity, glucantime used as reference compound

Tartar emetic (Potassium antimony tartrate) + Penicillamine
Henry, W.; Girgis, N. I.; and Mansour, N. S., 1976, Ann. Trop. Med. and Parasitol., v. 70 (4), 425-429
Schistosoma mansoni in vitro, combined treatment with different concentrations of tartar emetic together with penicillamine in different ratios, effect on motility and antimony uptake by worms

Antimony potassium tartrate -- Continued.

Tartar emetic
Kelada, F. S.; et al., 1972, Metabolism, v. 21 (12), 1105-1112
Schistosoma haematobium-infected patients, effects of vitamin B6 load and 2,3,-dimercaptopropanol (a chelating agent) on functional capacity of tryptophan-niacin pathway before, during, and after tartar emetic treatment, found that 2,3-dimercaptopropanol prevents anomaly in tryptophan metabolism in patients treated with tartar emetic

Tartar emetic
Mahmoud, A. A. F.; and Warren, K. S., 1974, J. Immunol., v. 112 (1), 222-228
Schistosoma mansoni, mice, anti-inflammatory effects of tartar emetic and niridazole, suppression of schistosome egg granuloma

Tartar emetic
Medina, H.; et al., 1955, Arq. Biol. e Tecn., v. 10, 121-165
Astaril, tartar emetic and Repodral, effect on respiration and anaerobic glycolysis of Leishmania brasiliensis and isolated mouse diaphragm

Potassium antimonyl tartrate
Saleh, S.; et al., 1976, Pharmacol. Research Commun., v. 8 (4), 359-368
Schistosoma mansoni in mice (exper.), comparative effects of antimonial and non-antimonial schistosomicides on host carbohydrate metabolism; antimonials did not affect metabolism while non-antimonial (niridazole) showed similar effects in host and parasite

Antimonyl potassium tartrate
Saleh, S.; and Khayyal, M. T., 1976, Bull. World Health Organ., v. 53 (4), 379-384
Schistosoma mansoni-infected mice, effect of cysteine on hepatic toxicity and antischistosomal activity of antimonyl potassium tartrate

Potassium antimonyl tartrate
Samaan, S. S.; et al., 1976, J. Pharm. and Pharmacol., v. 28 (5), 465-466
action of potassium antimonyl tartrate on brain content of γ-aminobutyric acid and acetylcholine in Schistosoma mansoni-infected mice, possible increased toxic reactions in presence of epilepsy

Potassium antimony tartrate
Saz, H. J.; and Dunbar, G. A., 1975, J. Parasitol., v. 61 (5), 794-801
Litomosoides carinii, Dipetalonema witei, Brugia pahangi, stibophen, inhibition of phosphofructokinase and lactate formation, effect on internal hexose phosphate accumulation, inhibition of aldolase, comparison with potassium antimony tartrate (inhibits PFK at higher concentrations but not aldolase); Ascaris suum, Hymenolepis diminuta, stibophen inhibition of phosphofructokinase

Antimony potassium tartrate -- Continued.

Tartar emetic
Shoeb, H. A., 1976, Egypt. J. Bilharz., v. 3 (1), 39-44
valid structure of tartar emetic defined as potassium hydroxy-tartratoantimonite hemihydrate

Potassium antimony tartrate
Suryanarayana, C.; and Rao, P. L. N., 1976, Food Farm. and Agric., v. 8 (5), 13-16
Schistosoma nasale in cattle and buffaloes (nasal mucosa), rametine (poor results), emetine hydrochloride (poor results), potassium antimony tartrate (good results), potassium antimony tartrate + stilboestrol (less effective than potassium antimony tartrate alone in cattle, better results in buffaloes): Tirupati, India

Tartar emetic
Wilkins, H. A.; and El-Sawy, M., 1977, Tr. Roy. Soc. Trop. Med. and Hyg., v. 71 (6), 486-489
Schistosoma haematobium, urinary egg counts in citizens of Nile delta community as possible assessment of pathologic damage from infections and comparisons of findings with comparable surveys in sub-Saharan Africa; results in persons who had previously received tartar emetic therapy demonstrate need for reevaluation of therapeutic methods

Antimony potassium tartrate
Wood, M. G.; Srolovitz, H.; and Schetman, D., 1976, Arch. Dermat., Chicago, v. 112 (5), 690-695
mixed Schistosoma haematobium-S. mansoni infection in man resulting in dermatologic reaction and probable spinal cord involvement with paraplegia, poor response to antimony potassium tartrate therapy, case report of teacher in Africa now residing in Delaware

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Antimony sodium dimercaptosuccinate. See Stibocaptate.

Antimony sodium gluconate -- Pentostam; Sodium antimony gluconate; Sodium antimonyl gluconate; Sodium stibogluconate; Triostam.

Sodium stibogluconate (Pentostam)
Abdalla, R. E.; et al., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (4), 549-559
cutaneous leishmaniasis, human, epidemiology, clinical features, pathology, immunology, treatment with sodium stibogluconate; leishmanin skin test survey of 560 individuals: Sudan

Sodium stibogluoconate (Pentostam)
Abdalla, R. E.; et al., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (5-6), 443-449
human mucosal leishmaniasis, possibly Leishmania donovani, distribution, clinical features, pathology, immunology, sodium stibogluconate: Sudan

Antimony sodium gluconate -- Continued.

Triostam
Ahluwalia, S. S., 1974, Indian J. Animal Sc., v. 43 (8), 1973, 793-796
Schistosoma incognitum, pigs, Astiban, good results; Stibophen and Triostam ineffective

Sodium stibogluconate (Pentostam)
Al-Khateeb, G. H.; Al-Jeboori, T. I.; and Al-Janabi, K. A., 1977, Chemotherapy, v. 23 (4), 267-275
Leishmania donovani in vitro, action of sodium stibogluconate, metronidazole and dehydroemetine on mobility, morphology and survival of promastigotes

Sodium antimony gluconate (Pentostam)
Asseburg, U.; et al., 1976, Med. Welt., v. 27 (30), 1421-1424
Leishmania donovani, man, case report of leishmaniasis contracted while vacationing in Mediterranean, clinical aspects, sodium antimony gluconate: Germany

Sodium stibogluconate (Pentostam)
Black, C. D. V.; Watson, G. J.; and Ward, R. J., 1977, Tr. Roy. Soc. Trop. Med. and Hyg., v. 71 (6), 550-552
Leishmania donovani, mice (exper.), use of liposomes as carriers of therapeutic doses of pentostam, comparison of drug effects using free drug agent and drug entrapped within liposomes, possibly an improved method for treatment of human leishmaniasis

Sodium stibogluconate (Pentostam)
Fenech, F. F., 1976, J. Trop. Med. and Hyg., v. 79 (4), 85-88
clinical and epidemiologic review of human Leishmania donovani, diagnostic measures, case reports, recommended treatment with sodium stibogluconate, possible transmission during travel to endemic areas of Mediterranean

Pentostam
Janovy, J., jr.; Greiner, E. C.; and Decker, J. E., 1974, J. Protozool., v. 21 (3), 430 [Abstract]
Leishmania donovani vs. L. mexicana, anaerobic glycolysis and CO$_2$ fixation over the range 25-37 C, effect of pentostam vs. stibophen

Sodium antimony gluconate
Mahmoud, A. A. F.; and Warren, K. S., 1977, J. Infect. Dis., v. 136 (1), 160-163
Leishmania donovani, algorithms in diagnosis and management of human visceral leishmaniasis

Sodium antimonyl gluconate
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

Antimony sodium gluconate -- Continued.

Sodium stibogluconate
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

Sodium stibogluconate
Neal, R. A., 1976, Ann. Trop. Med. and Parasitol., v. 70 (2), 252
Leishmania mexicana, mice (exper.), suppression of developing lesions by sodium stibogluconate but not by pyrimethamine

Sodium stibogluconate
Neal, R. A.; and Miles, R. A., 1977, Ann. Trop. Med. and Parasitol., v. 71 (1), 21-27
Leishmania enriettii in guinea pigs (exper.), relationships between sodium stibogluconate therapy and developing immunity in host

Pentostam
Smit, A. M., 1977, Trop. and Geogr. Med., v. 29 (1), 119 [Abstract]
description of human cutaneous leishmaniasis imported into the Netherlands from Surinam, pathology, treatment with pentostam and lomidine

Sodium antimony gluconate (Pentostam)
Spier, S.; et al., 1977, Arch. Dermat., Chicago, v. 113 (8), 1104-1105
human cutaneous leishmaniasis, differential diagnosis from sporotrichosis, clinical case report, resolution of ulcer after pentostam therapy: Panama

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Antimony sodium tartrate -- Sodium antimony tartarate.

Antimony sodium tartrate
Ahluwalia, S. S., 1972, Indian J. Animal Sc., v. 42 (12), 1054-1056
Schistosoma incognitum, pigs (exper.), antimony potassium tartrate, antimony sodium tartrate, drugs unsuitable for treatment, antimony sodium tartrate most toxic

Sodium antimony tartarate (SAT)
Muraleedharan, K.; et al., 1977, Indian Vet. J., v. 54 (9), 703-708
Schistosoma nasale, cattle, comparative efficacy of neguvon, ambilhar and sodium antimony tartarate

Antimony sodium tartrate
Stammers, B. M., 1975, Ztschr. Parasitenk., v. 47 (2), 145-150
Fasciola hepatica, disruption of spermatogenesis, known fasciolicides and other anthelmintics tested

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Antimosan. See Stibophen.

Antimycin A
de Boiso, J. F.; and Stoppani, A. O. M., 1973, J. Protozool., v. 20 (5), 673-678
Trypanosoma cruzi, oxidation of pyruvate and acetate through tricarboxylic acid cycle, involves antimycin A-sensitive respiratory chain

Antimycin A
Dave, D.; Gutteridge, W. E.; and Richards, W. H. G., 1976, Parasitology, v. 73 (2), xvii [Abstract]
Plasmodium spp., conversion of dihydroorotate to orotate, activities were irreversible, required O_2, and were inhibited by CN^- and Antimycin A, no involvement of reduced pteridines or pyridine nucleotides detected, this area of metabolism may be important site for selective drug action

Antiox. See Mebendazole.

Antiparasitics
Allen, L. J.; et al., 1976, Vet. Med. and Small Animal Clin., v. 71 (8), 1083-1088
parasites, dogs, cats, compendium of chemotherapeutic agents

Antiparasitics
Botero, D., 1976, Clin. Pharm. and Therap., v. 19 (5), pt. 2, 630-637
review of common human intestinal parasites, methodology and requirements for clinical trials of new antiparasitic drugs

Antiparasitics
Enigk, K., 1972, Schweiz. Arch. Tierh., v. 114 (12), 615-625
poultry parasites, control measures, review

Antiparasitics
Hiepe, T., 1972, Schweiz. Arch. Tierh., v. 114 (12), 626-638
sheep parasites, basis for control measures, criteria for useful antiparasitic substances, review

Antiparasitics
Lengyel, A.; and Janko, M., 1971, Parasitol. Hungar., v. 4, 73-86
mode of action of antiparasitic agents of human parasites and use of radioisotopes in drug investigations, review

Antiparasitics
Most, H., 1972, N. England J. Med., v. 287 (10), 495-498; (14), 698-702
common parasitic infections of man encountered in the United States, recommendations for treatment, review

Antiparasitics
Richards, R., 1977, Vet. Rec., v. 101 (9), 166-167
aquarium fish parasites, recommended treatment

Antiparasitics
Stoye, M., 1972, Schweiz. Arch. Tierh., v. 114 (12), 601-613
parasites of horses, control, strategic timing of treatment, sanitation, review

Antiprotozoals
Hutner, S. H., 1977, J. Protozool., v. 24 (3), 475-478
essay and reviews of recent symposia on protozoan chemotherapy

Antricide prosalt. See Quinapyramine.

Antrycide. See Quinapyramine.

Antrycide methyl sulfate. See Quinapyramine.

Antrypol. See Suramin.

Aphtiria. See Benzene hexachloride, Gamma.

Ara-A. See Vidarabine.

9-β-D-Arabinofuranosyladenine
Ilan, J.; Pierce, D. R.; and Miller, F. W., 1977, Proc. Nat. Acad. Sc., v. 74 (8), 3386-3390
Plasmodium berghei, 9-β-D-arabinofuranosyladenine markedly depresses total protein synthesis and induces pronounced changes in spectrum of proteins synthesized (indicating changes in commitment for gene expression)

Arabinosyl adenine
Williamson, J.; and Scott-Finnigan, T. J., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (1), 1-2 [Demonstration]
Trypanosoma congolense, in vitro testing of antiviral and antitumor compounds with possible trypanicidal effects, probable RNA inhibition

Ara-C. See Cytarabine.

Aralen. See Chloroquine.

Araphosphothion. See Malathion or Fenson.

Arecanut decoction. See Arecoline.

Arecoline -- Arecanut decoction; Arecoline hydrobromide; Sergeant's Tapeworm Medicine.

Arecoline
Bigg, D. C. H.; and Purvis, S. R., 1976, Nature, London (5565), v. 262, 220-222
8 muscarinic agonists (compared with nicotine and pyrimithate), activity against Boophilus microplus, possible new class of acaricide

Arecoline -- Continued.

Arecoline hydrobromide
Courtney, C. H.; Forrester, D. J.; and White, F. H., 1977, J. Am. Vet. Med. Ass., v. 171 (9), 991-992
helminths in Pelecanus occidentalis, anthelmintic activity of arecoline hydrobromide, thiabendazole, niclosamide, l-tetramisole: Bird Keys and Port Orange, Florida

Arecanut decoction
Gogoi, A. R.; and Hazarika, R. N., 1977, Indian J. Animal Sc., v. 46 (12), 1976, 641-647
poultry cestodes, efficacy of 4 anthelmintics tested

Arecoline hydrobromide
Schantz, P. M., 1973, Bol. Chileno Parasitol., v. 28 (3-4), 81-90
guide to use of arecoline hydrobromide to diagnose Echinococcus granulosus and other tapeworms in dogs and as prophylactic measure to reduce pasture contamination and reinfections of animals

Arecoline hydrobromide
Trejos, A.; Szyfres, B.; and Marchevsky, N., 1975, Research Vet. Sc., v. 19 (2), 212-213
Echinococcus granulosus, dogs (exper.), controlled trial to compare efficiency of arecoline hydrobromide and bunamidine hydrochloride

Arecoline hydrobromide. See Arecoline.

Arecoline methiodide
Bigg, D. C. H.; and Purvis, S. R., 1976, Nature, London (5565), v. 262, 220-222
8 muscarinic agonists (compared with nicotine and pyrimithate), activity against Boophilus microplus, possible new class of acaricide

Arpocox -- 6-Amino-9-(2-chloro-6-fluorobenzyl) purine; 9-[2-Chloro-6-fluorophenylmethyl]-9H-purin-6-amine; MK-302.

Arpocox (MK-302)
Miller, B. M.; et al., 1977, Poultry Science, v. 56 (6), 2039-2044
Eimeria spp., chickens, efficacy and tolerance of two 6-amino-9-(substituted benzyl) purines, good results

Arpocox (MK-302)
Tamas, T.; et al., 1977, Poultry Science, v. 56 (5), 1761 [Abstract]
Eimeria tenella, poultry, battery tests with MK-302, compared with six marketed coccidiostats; floor pen trials with birds in initial trial infected with five-species mixture of oocysts via feed; no cross resistance with other coccidiostats

Arsenamide -- Caparsolate; Caparsolate sodium; Sodium-(p-carbamylphenylarsylene-dithio)-diacetate; Thiacetarsamide; Thiacetarsamide sodium.

Thiacetarsamide sodium
Bradley, R. E., 1976, J. Am. Vet. Med. Ass., v. 169 (3), 311-316
Dirofilaria immitis, dogs (nat. and exper.), thiacetarsamide sodium to destroy adult worms, levamisole resinate 6 weeks later at dosage of 11 mg/kg (but not 5.5 mg/kg) was effective as a microfilaricide, 2 cases of levamisole toxicosis in presence of adult worms; incidental observation on greater susceptibility of older dogs to infection

Thiacetarsamide sodium + Levamisole + Diethylcarbamazine
Garlick, N. L., 1976, Canine Pract., Santa Barbara, v. 3 (2), 64-69
Dirofilaria immitis, dogs, drug trials, levamisole, good results against microfilariae and adult male heartworms, adult female heartworms resistant to drug, hematological and biochemical effects; levamisole + thiacetarsamide sodium + diethylcarbamazine, satisfactory results; levamisole followed by fenthion, good results

Thiacetarsamide sodium
Garlick, N. L.; Beck, A. M.; and Bryan, R. K., 1976, Canine Pract., Santa Barbara, v. 3 (4), 44-47
Dirofilaria immitis microfilariae and adults, dogs, dithiazanine iodide followed by thiacetarsamide sodium, good results, 547 cases, only one fatality

Thiacetarsamide
Kipnis, R. M.; et al., 1976, Canine Pract., Santa Barbara, v. 3 (4), 49-50, 52
Dirofilaria immitis, dog, case report, microfilariae detected in urine, differentiated from casts and mucous threads in urine sediment, thiacetarsamide and Dizan, good results

Thiacetarsamide sodium (Caparsolate)
Laemmler, G.; and Wolf, E., 1977, Tropenmed. u. Parasitol., v. 28 (2), 205-225
Litomosoides carinii in Mastomys natalensis (exper.), 17 anthelmintics and chemotherapeutics comparatively tested for their chemoprophylactic activity against various larval stages of the parasites

Thiacetarsamide (Caparsolate)
Stockdale, P. H. G.; and Smart, M. E., 1975, Research Vet. Sc., v. 18 (2), 178-181; Erratum v. 19 (1), after p. 114
Crenosoma vulpis, dogs (exper.), treatment with levamisole, diethylcarbamazine, thiacetarsamide, and cyacetazide (from most to least effective), pulmonary lesions

Arsenamide -- Continued.

Thiacetarsamide sodium (Caparsolate)
Viljoen, J. H., 1976, J. South African Vet. Ass., v. 47 (3), 161-169
Parafilaria bovicola, calves, prepatent period, clinical aspects, filaricidal effects of 9 compounds; levamisole hydrochloride and fenbendazole reasonably effective: vicinity of Onderstepoort

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Arsenic
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Boophilus annulatus, B. microplus, acaricides, laboratory tests, spray and dip tests with cattle

Arsenic
Matthewson, M. D.; and Baker, J. A. F., 1975, J. South African Vet. Ass., v. 46 (4), 341-344
susceptibility or resistance in multi-host ticks: Republic of South Africa: Swaziland

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Entamoeba histolytica, humans, techniques for comparative evaluation of amoebicidal drugs: sites of action, efficacy, side effects, and toxicity

Arsenosobenzene. See Oxophenylarsine.

Arsobal. See Melarsoprol.

3-Aryl-5,6-dimethylimidazo[2,1-b]thiazoles
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synthesis of 3-aryl-5,6-dimethylimidazo-[2,1-b]thiazoles, no activity in anthelmintic tests with Hymenolepis nana and Nippostrongylus brasiliensis

5-Arylisoxazoles
Carr, J. B.; Durham, H. G.; and Hass, D. K., 1977, J. Med. Chem., v. 20 (7), 934-939
activity of isoxazole anthelmintics against Nippostrongylus braziliensis in rats, laboratory screening of selected compounds

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activity of isoxazole anthelmintics against Nippostrongylus braziliensis in rats, laboratory screening of selected compounds

5-Aryloxy-6-methoxy-8-aminoquinolines
Paul, K.; and Blanton, C. D., jr., 1976, J. Pharm. Sc., v. 65 (10), 1527-1530
5-aryloxy-6-methoxy-8-aminoquinolines synthesized and screened for potential antimalarial activity, poor results in comparison trials with primaquine phosphate

Ascabiol. See Benzyl benzoate.

Ascaridil. See Tetramisole.

Ascarilen R. *See* Tetramisole.

Aspidium -- Desaspidin.

Desaspidin
  Saz, H. J.; and Lescure, O. L., 1968, Molec. Pharm., v. 4 (4), 407-410
    Ascaris lumbricoides var. suis, inhibition by anticestodal agents of mitochondrial ^{32}P-ATP exchange reaction, indicates that selective toxicity of these compounds for cestodes is a result of differences in permeability between these two groups of helminths

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Astaril. *See* Ethylstibamine.

Astiban. *See* Stibocaptate.

Asuntol. *See* Coumaphos.

Asuntol 50. *See* Coumaphos.

Atabrine. *See* Quinacrine.

Atebrin. *See* Quinacrine.

Atgard. *See* Dichlorvos.

Atgard V. *See* Dichlorvos.

Atrican -- Atricana; T.C. 109; 2-(alpha-Tenoyl amino)-5-nitrothiazole; 2-(alpha-Thenoyl amino)-5-nitrothiazole; α-Tenoyl-amino-2-nitro-5-thiazole.

Atricana
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    human trichomoniasis colpitis, clinical trials using atricana not as successful as trials with metronidazole and nifuratel

T.C. 109
  Counio, 1975, Marseille Med., v. 112 (4), 233-237
    human vaginitis, good treatment results in combined use of hormones and trichomonicides: France

α-Tenoyl-amino-2-nitro-5-thiazole
  Fortuna, A., 1975, Minerva Ginec., v. 27 (9), 739-743
    Trichomonas vaginalis, human vulvovaginitis, trials with α-tenoyl-amino-2-nitro-5-thiazole

Atrican
  Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
    Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

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Atricana. *See* Atrican.

Aureomycin. *See* Chlortetracycline.

Aureo-S-700. *See* Chlortetracycline or Sulfamethazine.

Avatec. *See* Lasalocid.

Avlochlor. *See* Chloroquine.

Avlochor. *See* Chloroquine.

Avloclor. *See* Chloroquine.

Avlothane. *See* Hexachloroethane.

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  Bianchi, M.; et al., 1974, Arch. Microbiol., v. 98 (4), 289-299 [For complete reference see Supplement 21, Part 1]
    new anthelmintic, antiprotozoal antibiotic produced by Streptomyces lisandri

Axilur. *See* Fenbendazole.

8-Aza-adenine
  Irvin, A. D.; and Young, E. R., 1977, Nature, London (5627), v. 269, 407-409
    Babesia spp., in vitro test for screening drug activity which exploits finding that Babesia parasites readily incorporate hypoxanthine in an in vitro culture system, may also be used to detect drug resistance patterns and have possible application in primary screening of antimalarial drugs

8-Azaguanine. *See* Guanazolo.

Azalomycin F
  Lee, J. C., 1972, Nettai Igaku (Trop. Med.), v. 14 (2), 97-110
    Trichomonas vaginalis, in vitro growth inhibiting effects of 8 antitrichomonal drugs; therapeutic effects of trichomycin, piperanitrozole, metronidazole and nimorazole against abscess formation in mice (exper.)

9-Azariboflavine
  Graham, D. W.; et al., 1977, Experientia, v. 33 (10), 1274-1276
    Eimeria tenella, E. acervulina, anticoccidial activity of riboflavine antagonists

Azathioprine -- Azothiaprine; Imuran.

Azothiaprine (Imuran)
  Campbell, W. C.; and Blair, L. S., 1975, J. Parasitol., v. 61 (6), 1116-1117
    Trichinella spiralis, failure to confirm reported lethal effect of cytotoxic drugs on encapsulated larvae in mice

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6-Azauracil
Mylari, B. L.; et al., 1977, J. Med. Chem., v. 20 (4), 475-483
Eimeria spp. in chickens, 1-benzyl-6-azauracils as potential new anticoccidials, comparison trials with several experimental and commercial anticoccidials

6-Azido-N-cyclopropyl N'-ethyl-1,3,5-triazine-2,4-diamine (Ciba-Geigy 19255)
Chamberlain, W. F.; and Becker, J. D., 1977, Southwest. Entom., v. 2 (4), 179-182
Xenopsylla cheopis, inhibition of cocoon formation and adult emergence by insect growth regulators, possible means of control

Azinphos-methyl
Rawlins, S. C.; and Mansingh, A., 1977, PANS, v. 23 (2), 137-142
Boophilus microplus, Jamaican strain, susceptibility to 35 acaricides, carbamates more effective than organophosphates or formamidines, chlorinated hydrocarbons least effective, comparison of resistance pattern with susceptible and resistant Australian strains

Azothiaprine. See Azathioprine.

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Plasmodium falciparum from infected Aotus trivirgatus monkeys, in vitro effects of B1304 on infected blood

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Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

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Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

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Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

Babesan. See 1,3-Di-6-quinolylurea.

Bacitracin + Neomycin (= Nebacetin)
Tan-Lim, K. N.; and Pluis, A. H., 1972, Nederl. Tijdschr. Geneesk., v. 116 (24), 1013-1016
Tunga penetrans in humans, case reports and clinical management, prophylaxis, local application of nebacetin or ichthyol: Netherlands (infections contracted in Cameroon and Surinam)

Bactrim. See Sulfamethoxazole or Trimethoprim.

Banminth. See Pyrantel.

Banminth II. See Morantel.

Banminth D. See Diethylcarbamazine or Morantel.

Banminth S. See Pyrantel.

Banocide. See Diethylcarbamazine.

Basamid. See Dazomet.

Basoquin. See Amodiaquin.

Batestan. See Benoxafos.

Bayer 169
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Leptomonas of insect origin, cross-resistance patterns of clones to a variety of medical and veterinary trypanocides and leishmanicides, potential as a model screening system

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Bacchi, C.; et al., 1975, J. Protozool., v. 22 (3), 33A [Abstract]
Leptomonas, cross-resistance patterns of antrycide-resistant clones

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Acanthamoeba isolated from eye of patient with corneal ulcer, characterization, chemotherapeutic tests, pathogenicity in mice, isolation from mouse brain

Bayer 2493
Canzonieri, C. J.; Martinez, C. E.; and Silbertstein, S., 1968, Bol. Chileno Parasitol., v. 23 (1-2), 37-38
human giardiasis, poor results in treatment trials using Bayer 2493

Baygon. See Propoxur.

Baygon Mosquito Oil Spray. See Propoxur.

Baymix. See Coumaphos.

Bayrena. See Sulfameter.

Baytex. See Fenthion.

Belganyl. See Suramin.

Belmet. See Sulfadiazine or Sulfamerazine or Sulfamethazine.

Bemarsal. See Diphetarsone.

Bemosate - p-Chlorbenzosulphonate N-β-(2-acetyl-4-chlorphenoxy) ethyl-N,N-dimethyl-N-benzylammonium; G-526

Bemosate (G-526)
Bekhli, A. F.; Braude, M. B.; and Bolotina, L. A., 1976, Khimiko-Farm. Zhurnal, v. 10 (6), 29-31
synthesis method, new anthelminthic for trichuriasis, no trials against parasite

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Bendiocarb - Ficam W.

Ficam W (Bendiocarb)
Greco, V.; and Saly, A., 1976, Veterinarstvi, v. 26 (6), 258-259
Haematopinus suis, swine, testing of several insecticides

Benlate. See Benomyl.

Benomyl -- Benlate; Methyl-1-[butylcarbamoyl]-2-benzimidazole carbamate.

Benomyl
Armstrong, E., 1976, J. Invert. Path., v. 27 (3), 363-366
Nosema kingi, Drosophila willistoni (exper.), Fumidil B less deleterious to flies than benomyl, drug efficacy

Benomyl (Benlate)
Harvey, G. T.; and Gaudet, P. M., 1977, Canad. Entom., v. 109 (7), 987-993
Nosema fumiferanae in Choristoneura fumiferana in laboratory culture, benomyl, MBC phosphate, both not very effective in controlling microsporidian levels but had detrimental effects on budworm development and survival (reduced percentage of fertile matings and egg eclosions; male budworms more drug sensitive than females)

Benoxafos -- Batestan; Benoxophos.

Benoxafos (Batestan)
Laemmler, G.; and Gruener, D., 1975, Tropenmed. u. Parasitol., v. 26 (3), 359-369
Litomosoides carinii in Mastomys natalensis (exper.), 12 organophosphorus compounds tested for efficacy against micro- and macrofilarial infections

Benoxophos
Matthewson, M. D.; Wilson, R. G.; and Hammant, C. A., 1976, Bull. Entom. Research, v. 66 (4), 553-560
Boophilus decoloratus, resistance of 8 strains to organophosphorus and carbamate ixodicides, comparison with Berlin strain of B. decoloratus and Biarra strain of B. microplus: Rhodesia

Benoxophos. See Benoxafos.

Benzalkonium chloride -- Roccal.

Roccal
Roegge, M. A.; Rutledge, W. P.; and Guest, W. C., 1977, Aquaculture, v. 12 (2), 137-140
Zoothamnium sp. on larval Macrobrachium acanthurus, chemical control: copper sulfate, dylox, methylene blue, terramycin, combiotic, potassium permanganate, Roccal, nitrofurazone, and malachite green showed little control or were toxic to larvae; formalin at 50 ppm gave complete control, and had no ill effects on larvae: aquaculture, Kerr County, Texas

5-Benzamido-2(4-thiazolyl) benzimidazole
Campbell, W. C.; McCracken, R. O.; and Blair, L. S., 1975, J. Parasitol., v. 61 (5), 844-852
Echinococcus multilocularis in mice and cotton rats, Taenia crassiceps in mice, effect of benzimidazole compounds on metacestodes, comparison of intraperitoneal, subcutaneous, and oral inoculation

Benzene hexachloride. See Benzene hexachloride, Gamma.

Benzene hexachloride, Gamma -- Benzene hexachloride; BHC; Canolene (with Rotenone); Gamahexachlorcyclohexan; Gamene; Gamexane; Gamiso; Gamma benzene hexachloride; Gamma B.H.C.; Gamma HCH; Gammalin 20; Gammatox; Gammaxane 20; Gammexane; GBH; Gexane; HCH; Hexachlorocyclohexane; 1,2,3,4,5,6-Hexachloro-cyclohexane; Kwell (cream, lotion, or ointment); Lindacanine (with Terpin); Lindane; Quellada; Scabin; Tetocid; Theradex; Tixol (with Chlorfenvinphos); Benzyl-Hex (with Benzyl benzoate and Dichlorophen and Rotenone); EQ 335; Aphtiria.

Hexachlorocyclohexane (Lindane)
Albala Perez, F.; and Sanchez Acedo, C., 1974, Rev. Iber. Parasitol., v. 34 (1-2), 129-136
Cheyletiella parasitovorax, pathology in dog, case report, hexachlorocyclohexane as effective treatment, first report in Spain

Gamma benzene hexachloride (Kwell cream)
Awan, K. J., 1977, Am. J. Ophthalmol., v. 83 (6), 906-907
Phthirus pubis infection of both eyelids of 5-year-old child, effective treatment using cryotherapy followed by topical application of gamma benzene hexachloride, clinical case report: Virginia

Gamma benzene hexachloride
Beresford-Jones, W. P.; Fain, A.; and Thoday, K. L., 1976, Acta Zool. et Path. Antverpiensia (64), 33-36
Trixacarus caviae on Cavia porcellus, case reports, treatment with shampoo containing gamma benzene hexachloride: England

Benzene hexachloride
Chu-Vela, J.; and Guerrero, C. A., 1973, Rev. Invest. Pecuarias, v. 2 (1), 23-28
Sarcoptes scabiei var. aucheniae, alpacas, Trichlorphon, Benzene hexachloride, various administration methods

Tetocid
Constantin, M., 1971, Parasitol. Hungar., v. 4, 227-237
Myocoptes musculinus, Myobia musculi, natural infection in laboratory mouse colony, trials with Bayer compound 9010, tetocid, malathion and pyractone emulsion showed all compounds active against Myocoptes musculinus but only pyractone active against Myobia musculi

Benzene hexachloride, Gamma -- Continued.

Gamma benzene hexachloride
Cooper, J. E., 1976, Vet. Rec., v. 98 (23), 472 [Letter]
Tunga penetrans, pigs, gamma benzene hexachloride, successful treatment: Tanzania

Lindane
Dash, P. K.; Chakraborti, A.; and Prusty, B. M., 1977, Livestock Advis., v. 2 (4), 37-38
Sarcoptes scabiei canis, dogs, lindane, good results

Lindane
Drummond, R. O.; et al., 1976, J. Econom. Entom., v. 69 (1), 37-40
Boophilus annulatus, B. microplus, acaricides, laboratory tests, spray and dip tests with cattle

Kwell lotion
Epstein, E., 1973, Med. Aspects Human Sexual., v. 7 (10), 228-242
Sarcoptes scabiei var. hominis, diagnosis in humans, sexual contact as potential means of dissemination, syphilis as common complication, treatment with Kwell lotion

Kwell ointment
Epstein, E., 1975, Med. Aspects Human Sexual., v. 9 (1), 8-27
diagnosis of Pthirus pubis in humans, modes of dissemination, increasing infestations, treatment with Kwell ointment

Gammalin 20 (Gamma benzene hexachloride)
Esuruoso, G. O., 1977, Bull. Animal Health and Prod. Africa, v. 25 (1), 65-72
Demodex folliculorum var. bovis in exotic and indigenous cattle, incidence, treatment trials (best results with selenium sulphide), constant presence of Staphylococcus aureus in lesions of demodectic mange indicated that it might aid in spread of lesions, immunization with S. aureus vaccine resulted in the reduction of mange lesions: southern Nigeria

Gammaxane 20
Esuruoso, G. O., 1977, Bull. Animal Health and Prod. Africa, v. 25 (1), 65-72
Demodex folliculorum var. bovis in exotic and indigenous cattle, incidence, treatment trials (best results with selenium sulphide), constant presence of Staphylococcus aureus in lesions of demodectic mange indicated that it might aid in spread of lesions, immunization with S. aureus vaccine resulted in the reduction of mange lesions: southern Nigeria

Canolene
Hanson, C. J., 1977, Vet. Rec., v. 100 (4), 77-78 [Letter]
sarcoptic mange in guinea pigs, demodectic mange in golden hamsters, canolene, good results

Benzene hexachloride, Gamma -- Continued.

Gammexane (gamma HCH)
Hoornweg, J.; et al., 1975, Nederl. Tijdschr. Geneesk., v. 119 (40), 1534-1537
Pediculus humanis capitis, recommendations for treatment of pediculosis in children with repeat applications of gammexane or a single application of malathion

Benzene hexachloride, Gamma (GBH; Kwell; Gamene; Lindane)
Lee, B.; and Groth, P., 1977, Pediatrics, Am. Acad. Pediat., v. 59 (4), 643 [Letter]
human scabies, reports of nervous system toxicity resulting from therapy with gamma benzene hexachloride

Gamma benzene hexachloride + Toxaphene
Jeffery, W. H.; et al., 1976, J. Am. Med. Ass., v. 236 (25), 2881-2882
farmer experienced loss of warfarin anticoagulant effects after dusting sheep with mixture of toxaphene and gamma benzene hexachloride

Lindane (in kerosene)
Kanaaneh, H. A. K.; Rabi, S. A.; and Badarneh, S. M., 1976, Am. J. Pub. Health, v. 66 (6), 564-567
mass eradication program for human scabies carried out successfully in Arabic village using community-wide health education, benzylbenzoate treatment of villagers and lindane spraying of infected dwellings: western Galilee, Israel

Theradex (Lindane-based shampoo)
Kane, K. K.; Corwin, R. M.; and Boever, W. J., 1976, J. Am. Vet. Med. Ass., v. 169 (9), 906-908
Haematomyzus elephantis-infested Elephas indicus, brief description, treatment with Theradex (lindane-based shampoo)

Gamma benzene hexachloride
Lee, B.; Groth, P.; and Turner, W., 1976, J. Am. Med. Ass., v. 236 (25), 2846
gamma benzene hexachloride, human case reports of suspected central nervous system toxicity

Gamma benzene hexachloride (Gammexane)
Linzell, J. L.; and Peaker, M., 1971, Vet. Rec. (4871), v. 89 (14), 394 [Letter]
Cheyletiella parasitivorax, dogs, increased incidence, treated with gamma benzene hexachoride baths: England

Benzyl-Hex
Meierhenry, E. F.; and Clausen, L. W., 1977, J. Am. Vet. Med. Ass., v. 171 (9), 983-984
Sarcoptes scabiei in Tayassu tajacu and Mus musculus (skin of both), treatment with ectoral, benzyl benzoate, and lindane + ectoral gave only temporary relief

Benzene hexachloride, Gamma -- Continued.

Lindane + Ectoral
Meierhenry, E. F.; and Clausen, L. W., 1977, J. Am. Vet. Med. Ass., v. 171 (9), 983-984
Sarcoptes scabiei in Tayassu tajacu and Mus musculus (skin of both), treatment with ectoral, benzyl benzoate, and lindane + ectoral gave only temporary relief

Gamma benzene hexachloride lotion
Miller, D. A.; and Weg, J. G., 1977, Am. Rev. Resp. Dis., v. 115 (4, pt. 2), 267 [Abstract]
scabies in immunocompromised patient whose infection was masked by pustular psoriasis, epidemic outbreak in personnel caring for patient in intensive care unit, definitive and prophylactic therapy of personnel and contacts with gamma benzene hexachloride lotion: Michigan

Lindane
Mohammed, M. A.; Atef, M.; and Shihata, I. M., 1976, Egypt. J. Vet. Sc., v. 11 (1-2), 1974, 1-5
Eimeria tenella, poultry, efficiency of insecticides and disinfectants against oocysts

Aphtiria (H.C.H.)
Mougeot, G.; and Poirot, J. L., 1975, Nouv. Presse. Med., v. 4 (20), 1509 [Letter]
Cheyletiella larvae causing persistent pruritus ani in man, relief of symptoms with betamethasone after previous therapy with pyrvinium and aphtiria unsuccessful: Paris

Gamma B. H. C.
Nayar, M. A.; and Isa, J. F. W., 1973, Bull. Epizoot. Dis. Africa, v. 21 (2), 153-157
Rhipicephalus evertsi larvae resistant to Gamma B. H. C.; Amblyomma variegatum, good results

Benzene hexachloride, Gamma (GBH; Gamene; Kwell)
Orkin, M.; Epstein, E.; and Maibach, H. I., 1976, J. Am. Med. Ass., v. 236 (10), 1136-1139
extensive review of treatment and control of human scabies and pediculosis

Benzene hexachloride, Gamma (Kwell lotion or cream)
Parlette, H. L., 1976, Arch. Dermat., Chicago, v. 112 (3), 409-410
incidence of human Sarcoptes scabiei hominis increasing, need for diagnostic awareness, clinical diagnostic methods, medical management with Kwell lotion or cream or with benzyl benzoate

Lindane + Terpinol (=Lindacanine)
Rad, M. A., 1976, J. Vet. Fac. Univ. Tehran, v. 31 (3-4), 1975-1976, 93-104
Cnemidocoptes pilae, cage birds, clinical symptoms, treatment with Lindacanine

Benzene hexachloride, Gamma -- Continued.

BHC
Rajamanickam, C.; et al., 1973, Southeast Asian J. Trop. Med. and Pub. Health, v. 4 (2), 282 [Demonstration]
Hypoderma sp. causing myiasis in recently imported herd of Santa Gertrudis cattle, treatment and prophylaxis against further spread using coumaphos spray and BHC cream: West Malaysia, imported from U.S.A.

Lindane
Rathore, M. S.; and Lodha, K. R., 1974, Indian Vet. J., v. 51 (2), 149-153
Sarcoptes [sp.], Camelus dromedarius, lindane, sumithion, malathion; lindane most effective and economical: Rajasthan

Lindane
Rawlins, S. C.; and Mansingh, A., 1977, J. Econom. Entom., v. 70 (6), 697-698
Boophilus microplus, Amblyomma cajennense, and Anocentor nitens, susceptibility of Jamaican strains to various acaricides

Lindane (BHC; Gammatox)
Rawlins, S. C.; and Mansingh, A., 1977, PANS, v. 23 (2), 137-142
Boophilus microplus, Jamaican strain, susceptibility to 35 acaricides, carbamates more effective than organophosphates or formamidines, chlorinated hydrocarbons least effective, comparison of resistance pattern with susceptible and resistant Australian strains

Lindane
Schenone, H.; et al., 1972, Bol. Chileno Parasitol., v. 27 (1-2), 2-6
scabies, human, results of epidemiologic survey of increasing incidence, prophylactic measures instituted by public health authorities, mass treatment with lindane emulsion: Santiago, Chile

Lindane
Schenone, H.; et al., 1973, Bol. Chileno Parasitol., v. 28 (1-2), 31-33
Pediculus humanus capitis, statistics of human infestation, lindane treatment unsuccessful, personal hygiene more important: Chile

Lindane (Gamexane)
Schenone, H.; and Reyes, H., 1967, Bol. Chileno Parasitol., v. 22 (2), 56-59
human ectoparasites, control measures, lindane: Chile

Gamma BHC + Chlorfenvinphos (= Tixol)
Sheahan, B. J.; O'Connor, P. J.; and Kelly, E. P., 1974, Vet. Rec., v. 95 (8), 169-170
Sarcoptes scabiei, pigs, compensatory weight gains following treatment for sarcoptic mange; ears of pigs should be treated during spraying or dipping

Benzene hexachloride, Gamma -- Continued.

Benzene hexachloride, Gamma (Kwell lotion)
  Shelley, W. B.; and Wood, M. G., 1976, J. Am. Med. Ass., v. 236 (10), 1144-1145
    severe pruritus with papular eruptions of 1-year's duration in man finally diagnosed as scabies after immature Sarcoptes scabiei found in cross section of papular biopsy, case history, cure with gamma benzene hexachloride: Pennsylvania

Gamma benzene hexachloride (Lindane; Gamiso; Gexane; Kwell)
  Solomon, L. M.; Fahrner, L.; and West, D. P., 1977, Arch. Dermat., Chicago, v. 113 (3), 353-357
    possible toxic reactions of gamma benzene hexachloride in humans treated for scabies and in experimental animals, indications and methods currently recommended for use, review

EQ 335
  Spradbery, J. P.; Sands, D. P. A.; and Bakker, P., 1976, Austral. Vet. J., v. 52 (6), 280-284
    Chrysomya bezziana, cattle, comparison of insecticides AM 18074 P; AMP 18074 N; methoxychlor; EQ 335

Gamahexachlorcyclohexan (Scabin)
  Stanoeva, L. J.; et al., 1972, Makedon. Med. Pregl., v. 27 (5-6), 465-471
    scabies, children in pediatric clinic, successful use of benzyl-benzoate and scabin; dermatitis after use of sulfuratum ointment: Macedonia

Lindane
  Steinberg, M.; et al., 1971, J. Med. Entom., v. 8 (1), 68-72
    body lice, human, comparison of Mobam and malathion; susceptibility of natural population of body lice to DDT, lindane, malathion, and Mobam (filter paper method); comparison of susceptibility of wild and laboratory-reared colonies of lice to DDT, lindane, and malathion: Korea

Gamma benzene hexachloride (Quellada)
  Thoday, K. L.; and Beresford-Jones, W. P., 1977, J. Small Animal Practice, v. 18 (9), 591-595
    Trixacarus caviae in Cavia porcellus (skin), clinical features, diagnosis, gamma benzene hexachloride, good results

Gamma HCH
  Traore Lamizana, M.; and Mouchet, J., 1976, Medecine et Malad. Infect., v. 6 (2), 48-52
    Pediculus humanus capitis, studies on resistance of 3 strains from Paris schoolchildren to DDT, malathion and gamma HCH

Gamma-BHC
  Wood, J. C., 1975, Vet. Rec., v. 97 (24), 485
    ovine scabies, dieldrin ineffective, gamma-BHC effective

Benzethonium chloride
  Motomura, I., 1967, Nettai Igaku (Trop. Med.), v. 9 (4), 226-243
    Toxoplasma gondii, cysts and proliferative forms, in vitro survival in different concentrations of disinfectants or on incubation with digestive enzymes or bovine bile

2H-Benzimidazole-2-1,5-arsenoso-1,3 dihydrohemihydrate -- WR 178,340.

WR 178,340
  Rane, L.; Rane, D. S.; and Kinnamon, K. E., 1976, Am. J. Trop. Med. and Hyg., v. 25 (3), 395-400
    Trypanosoma rhodesiense, test system to evaluate large numbers of candidate drugs based on mortality of mice with blood-induced infections, serves as primary screen or as secondary and confirmatory test for active compounds

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Benzimidazoles
  Kingsbury, W. D.; et al., 1976, J. Med. Chem., v. 19 (6), 839-840
    laboratory trials comparing parbendazole, benzimidazole and 1- and 2-substituted indazoles, Trichinella spiralis-infected mice and nematode-infected sheep

Benzimidazoles
  Simpkin, K. G.; and Coles, G. C., 1977, Parasitology, v. 75 (2), xv-xvi [Abstract]
    nematodes, screening for benzimidazole resistance by measuring ovicidal activity of drugs

Benzocyclohepten-(3-spiro-5)-hydantoin
  Heischkeil, R., 1973, Ztschr. Tropenmed. u. Parasitol., v. 24 (4), 505-516
    Plasmodium vinckei, chemotherapeutic activity of selected antagonists of folic acid metabolism with special reference to structure-activity relationships, comparison with some standard antimalarials; some compounds also exert noxious effect on host

Benzoil-flagyl. See 1-(2-Benzoyloxyethyl)-2-methyl-5-nitroimidazole.

Benzo[h]quinoline-4-methanols
  Rice, K. C.; et al., 1976, J. Med. Chem., v. 19 (7), 887-892
    significant antimalarial activity in benzo-[h]quinoline-4-methanols tested in laboratory trials with Plasmodium berghei-infected mice, some phototoxicity also present

4-Benzothienyl-N-methylcarbamate. See Mobam.

m-Benzoyl-m-amino-p-methylbenzoyl-1-aminonapthalene-4:6:8-trisulphonic acid sodium salt. See Suramin.

(Benzoyl-2 ethyl)-1 methyl-nitro 5 imidazole. See 1-(2-Benzoyloxyethyl)-2-methyl-5-nitroimidazole.

5-Benzoyl-2-methoxy-carbonyl-aminobenzimidazole.

1-(2-Benzoyloxyethyl)-2-methyl-5-nitroimidale -- Benzoil-flagyl; (Benzoyl-2 ethyl)-1 methyl-nitro 5 imidazole; 9712 R.P.

9712 R.P.
Arias Vallejo, E., 1972, Medicina, Madrid, v. 40 (3), 365-371
clinical trials using 9712 R.P. to treat duodenitis of human giardiasis, good results: Spain

Benzoil-flagyl
Rubio, M., 1966, Bol. Chileno Parasitol., v. 21 (4), 133-134
Giardia lamblia in children, successful clinical trials using benzoil-flagyl: Chile

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1-Benzyl-6-azauracils
Mylari, B. L.; et al., 1977, J. Med. Chem., v. 20 (4), 475-483
Eimeria spp. in chickens, 1-benzyl-6-azauracils as potential new anticoccidials, comparison trials with several experimental and commercial anticoccidials

Benzyl benzoate -- Ascabiol; Benzyl-Hex (with Benzene hexachloride, Gamma and Dichlorophen and Rotenone); Novoscabin; Scabiezma (with Sulfur); Zylate.

Benzyl benzoate
Bonnet, J.; Calas, E.; and Vervloet, D., 1969, Marseille Med., v. 106 (4), 361-362
increased occurrence of human scabies, benzyl benzoate, ascabiol: Marseille, France

Ascabiol
Bonnet, J.; Calas, E.; and Vervloet, D., 1969, Marseille Med., v. 106 (4), 361-362
increased occurrence of human scabies, benzyl benzoate, ascabiol: Marseille, France

Benzyl benzoate linament
Dahl, O., 1976, Tidsskr. Norske Laegefor., v. 96 (9-10), 551-553
scabies, both typical burrowing and crusted Norwegian type, epidemic among patients and staff of hospital, clinical aspects, treatment methods: Norway

Benzylbenzoate
Kanaaneh, H. A. K.; Rabi, S. A.; and Badarneh, S. M., 1976, Am. J. Pub. Health, v. 66 (6), 564-567
mass eradication program for human scabies carried out successfully in Arabic village using community-wide health education, benzylbenzoate treatment of villagers and lindane spraying of infected dwellings: western Galilee, Israel

Benzyl benzoate (Ascabiol)
Lal, J.; et al., 1976, Indian Vet. J., v. 53 (7), 543-545
Sarcoptes scabiei, sheep, Cedrus deodara oil more efficacious than benzyl benzoate and tetraethylthiuram monosulphide

Benzyl benzoate -- Continued.

Benzyl benzoate
Manickam, R.; and Kathaperumal, V., 1975, Kerala J. Vet. Sc., v. 5 (2), 150-153
mites probably belonging to Sarcoptes suis, efficacy of tetraethylthiuram monosulphide (poor results) and benzyl benzoate (good results), pigs

Benzyl-Hex
Meierhenry, E. F.; and Clausen, L. W., 1977, J. Am. Vet. Med. Ass., v. 171 (9), 983-984
Sarcoptes scabiei in Tayassu tajacu and Mus musculus (skin of both), treatment with ectoral, benzyl benzoate, and lindane + ectoral gave only temporary relief

Ascabiol
Misson, R.; et al., 1973, Medecine et Armees, v. 1 (4), 69-72
human scabies, clinical review, diagnosis, treatment with ascabiol

Benzyl benzoate (Zylate)
Montali, R. J., 1976, J. Am. Vet. Med. Ass., v. 169 (6), 630-631
Psoroptes sp., rotenone, benzyl benzoate horse (ears): Illinois-bred, transferred from Pennsylvania to Maryland

Benzyl benzoate
Orkin, M.; Epstein, E.; and Maibach, H. I., 1976, J. Am. Med. Ass., v. 236 (10), 1136-1139
extensive review of treatment and control of human scabies and pediculosis

Benzyl benzoate
Parlette, H. L., 1976, Arch. Dermat., Chicago, v. 112 (3), 409-410
incidence of human Sarcoptes scabiei hominis increasing, need for diagnostic awareness, clinical diagnostic methods, medical management with Kwell lotion or cream or with benzyl benzoate

Scabiezma
Raghavan, R. S.; et al., 1976, Indian Vet. J., v. 53 (5), 369-372
Sarcoptes scabiei and other skin diseases, dogs, calves, clinical symptoms, Scabiezma administered intramuscularly, good results

Benzyl benzoate
Rosales Perez, S.; and Jimenez Brito, G., 1969, Med. Cutan., v. 4 (3), 35-38
clinical aspects of dermatitis caused by trombiculid larvae, differential diagnosis, complications, treatment with DDT and benzyl benzoate: Mexico

Benzyl benzoate
Ruiz-Maldonado, R.; Tamayo, L.; and Dominguez, J., 1977, Arch. Dermat., Chicago, v. 113 (12), 1733 [Letter]
Sarcoptes scabiei var canis causing severe Norwegian type scabies in young girl, family dogs also infested and healthy dog (exper.) sucessfully infested with mites from the girl, clinical case report, successfully treated with phenylbutazone after unsuccessful therapy with benzyl benzoate: Mexico

Benzyl benzoate -- Continued.

Ascabiol
Sikdar, A.; and Harbola, P. C., 1975, Indian J. Animal Health, v. 14 (2), 187
Sarcoptes sp., pashmina bearing goats, successful treatment with Ascabiol

Benzyl-benzoate
Stanoeva, L. J.; et al., 1972, Makedon. Med. Pregl., v. 27 (5-6), 465-471
scabies, children in pediatric clinic, successful use of benzyl-benzoate and scabin; dermatitis after use of sulfuratum ointment: Macedonia

Novoscabin
Wranicz, A.; and Czernielewski, A., 1974, Przegl. Dermat., v. 41 (5), 693-696
scabies, woman, erythematous-bullous skin eruptions at sites of novoscabin treatment of infested skin, possible toxic reaction to therapy, clinical case report: Poland

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Benzyldimethyl (2-phenoxyethyl) ammonium 3-hydroxy-2-naphthoate. See Bephenium.

Benzyl-Hex. See Benzene hexachloride, Gamma or Benzyl benzoate or Dichlorophen or Rotenone.

N-Benzyl-2-nitro-1-imidazoleacetamide -- Ro 7-1051.

Ro 7-1051
Gaborak, M.; Cover, B.; and Gutteridge, W. E., 1976, Parasitology, v. 73 (2), iii [Abstract]
Trypanosoma cruzi, Ro 7-1051 in vitro and in mice, activity inferior to SQ 18,506, nearly as good as Lampit, and markedly superior to metronidazole

Ro 7-1051
Gaborak, M.; Darling, J. L.; and Gutteridge, W. E., 1977, Nature, London (5618), v. 268, 339-340
Trypanosoma cruzi, T. dionisii, drug sensitivities of culture forms almost identical, T. dionisii could replace T. cruzi in in vitro drug screens

Ro 7-1051
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

N-Benzyl-2-nitro-1-imidazolacetamide (Ro 7-1051)
Schenone, H.; et al., 1975, Bol. Chileno Parasitol., v. 30 (3-4), 91-93
Trypanosoma cruzi, human, domestic animals, treatment trials with Ro 7-1051

N-Benzyl-2-nitro-1-imidazoleacetamide -- Continued.

N-Benzyl-2-nitro-1-imidazoleacetamide (Ro 7-1051)
Schlemper, B. R., jr.; Chiari, E.; and Brener, Z., 1977, J. Protozool., v. 24 (4), 544-547
Trypanosoma cruzi, 48-hr drug screening test based on inhibition of exponential growth of culture forms as evaluated by cell counter, comparison with data from treating inoculated mice, advantages of in vitro method; culture forms not suitable for screening additives to prevent T. cruzi transmission by banked blood

N-Benzyl-2-nitro-1-imidazoleacetamide (Ro 7-1051)
Yoneda, S.; Kimura, E.; and Castellani, B. R., 1977, Experientia, v. 33 (9), 1201-1202
Trypanosoma cruzi, Ro 7-1051, deleterious effect in vitro on intracellular and extracellular forms represented by nuclear pyknosis, fragmentation, and lysis of parasites, and by reduced ability to infect cells

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Bephenium -- Alcopar; Benzyldimethyl (2-phenoxyethyl) ammonium 3-hydroxy-2-naphthoate; Bephenium hydroxynaphthoate.

Bephenium hydroxynaphthoate (Alcopar)
Arfaa, F.; et al., 1977, Am. J. Trop. Med. and Hyg., v. 26 (2), 230-233
Ascaris, Trichostrongylus spp., Ancylostoma duodenale, evaluation of different methods of control of soil transmitted helminths (sanitation measures, mass-therapy, combined mass-therapy and sanitation) in villagers of Khuzestan, southwest Iran

Alcopar
Basset, M.; et al., 1975, Medecine Trop., v. 35 (6), 475-476
mixed Strongyloides infections apparent after treatment of Necator americanus and Ancylostoma duodenale with alcopar or didakene, case reports, statistics

Alcopar
Biroum-Noerjasin, 1973, Clin. and Exper. Immunol., v. 13 (4), 545-551
hookworm, human, IgE levels in relation to anti-helminthic treatment, to numbers of eggs/g of stool, to states of infestation (with and without reinfestation, with and without superinfestation), and to time post-treatment, changes in differential lymphocyte and eosinophil counts: East Java, Indonesia

Bephenium hydroxynaphthoate (Alcopar)
Chinery, W. A.; et al., 1973, Ann. Trop. Med. and Parasitol., v. 67 (1), 75-80
Necator americanus, human, wide variation in response to bephenium hydroxynaphthoate may be due to specific tolerance of the drug: Accra

Bephenium -- Continued.

Bephenium hydroxynaphthoate
Coles, G. C.; East, J. M.; and Jenkins, S. N., 1975, Gen. Pharmacol., v. 6 (4), 309-313
Nippostrongylus brasiliensis, Ascaris lumbricoides var. suum, levamisole, mechanism of action, paralysis and recovery of motility, resistance of recovered worms to paralysis by methyridine, pyrantel, or bephenium, results suggest levamisole acts as ganglion stimulant and that inhibition of fumarate reductase is not relevant to in vivo mode of action

Bephenium hydroxynaphthoate (Alcopar)
Diop, B.; and Bao, O., 1974, Medecine Afrique Noire, v. 21 (1), 31-40
human intestinal helminths, clinical indications for treatment, suggested dosage, efficacy, tolerances, possible toxicities

Bephenium hydroxynaphthoate
Farahmandian, I.; et al., 1977, Chemotherapy, v. 23 (2), 98-105
human intestinal Ascaris, hookworm and Trichostrongylus spp., statistics of comparative trials using pyrantel, levamisole, mebendazole, thiabendazole and bephenium: Iran

Bephenium hydroxynaphthoate (Alcopar)
Farid, Z.; et al., 1977, J. Trop. Med. and Hyg., v. 80 (5), 107-108
human Ascaris lumbricoides and Ancylostoma duodenale, effectiveness of levamisole, pyrantel and bephenium compared in clinical trials, all drugs well tolerated: Egypt

Bephenium hydroxynaphthoate
Johnson, S., 1975, Progr. Drug Research, v. 19, 70-74
human hookworm, comparative field trials with bitoscanate, bephenium hydroxynaphthoate, and tetrachlorethylene, results most favorable with bitoscanate, transient side effects: Vellore, Tamilnadu, India

Alcopar
Junod, C.; 1972, Medecine et Malad. Infect., v. 2 (2), 55-60
Necator americanus, predominant intestinal parasite of natives of Antilles now residing in France, statistics of infection, means of detection, approved treatment with didakene, alcopar or mintezol

Bephenium hydroxynaphthoate (Alcopar)
Leland, S. E., jr.; et al., 1975, Am. J. Vet. Research, v. 36 (4), Part 1, 449-456
Cooperia punctata, in vitro-grown parasitic stages, evaluation of 28 anthelmintics using presumptive and confirmatory tests, comparison of in vitro potency with established in vivo activity against Cooperia and various other parasites, potential usefulness as preliminary screening method

Bephenium -- Continued.

Bephenium hydroxynaphthoate
Mutalik, G. S.; and Gulati, R. B., 1975, Progr. Drug Research, v. 19, 86-89
human hookworm, comparative study of bitoscanate, bephenium hydroxynaphthoate, and tetrachlorethylene; bitoscanate most effective with mild and transient side effects

Bephenium hydroxynaphthoate (Alcopar)
Nhonoli, A. M.; and Chukwuemeka, A. C., 1971, Med. J. Zambia, v. 5 (3), 95-101
analysis of electrocardiographic changes in patients with severe hookworm anemia before and after treatment with alcopar and tetrachlorethylene: Zambia

Bephenium hydroxynaphthoate
Patricia, A. H.; et al., 1975, Progr. Drug Research, v. 19, 90-95
Necator americanus, Ancylostoma duodenale, humans, efficacy of bitoscanate compared with tetrachlorethylene and bephenium hydroxynaphthoate, found to be safe and effective

Bephenium hydroxynaphthoate
Phillips, J. L.; Sturman, G.; and West, G. B., 1976, Brit. J. Pharmacol., v. 57 (3), 417-420
comparative study of the interaction between histamine and piperazine and histamine and bephenium in Ascaris suum

Bephenium hydroxynaphthoate
Samuel, M. R., 1975, Progr. Drug Research, v. 19, 96-107
human intestinal helminths, review of clinical experiences world wide comparing the efficacy and tolerance of bitoscanate with that of bephenium hydroxynaphthoate and tetrachlorethylene; found to be most useful against hookworm with results against other helminths still inconclusive

Bephenium hydroxynapthoate
Senewiratne, B.; et al., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 233-239
Necator americanus, human, tetrachlorethylene single dose compared with bephenium hydroxynaphthoate and pyrantel pamoate single and multiple doses, tetrachlorethylene remains drug of choice: Ceylon

Bephenium
Stammers, B. M., 1975, Ztschr. Parasitenk., v. 47 (2), 145-150
Fasciola hepatica, disruption of spermatogenesis, known fasciolicides and other anthelmintics tested

Bephenium hydroxynaphthoate
Thomas, J.; et al., 1971, Medecine Trop., v. 31 (2), 177-181
bephenium hydroxynaphthoate, piperazine and thiabendazole in comparative clinical tests, institutionalized children with protein deficiency

Bephenium -- Continued.

Alcopar (Bephenium hydroxynaphthoate)
Tjoa Tjhoeng Kie; et al., 1970, Paediat. Indonesiana, v. 10 (5), 179-189
human ancylostomiasis, poor treatment results with both alcopar and chenopodium oil: North Sumatra

Bephenium
Vakil, B. J.; and Dalal, N. J., 1975, Progr. Drug Research, v. 19, 166-175
comparative efficacy of newer anthelmintics in treating various human intestinal helminths, review

Bephenium hydroxynaphthoate
Walker, A. C.; and Bellmaine, S. P., 1975, Med. J. Australia, v. 1 (24), 751-752
severe digestive tract hemorrhage in Aboriginal infants apparently associated with massive infestation of Ancylostoma duodenale with cessation of bleeding after administration of anthelmintic: Northern Territory, Australia

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Bephenium hydroxynaphthoate. See Bephenium.

Berberine hydrochloride
Singhal, K. C., 1976, Indian J. Exper. Biol., v. 14 (3), 345-347
berberine hydrochloride, in vivo activity against Syphacia obvelata, Nippostrongylus brasiliense, and Hymenolepis nana, mice; elimination of S. obvelata only, drug considered equipotent to piperazine citrate

Bercotox. See Dioxathion.

Berenil -- Berenil diaceturate; Bis-(4-amidinophenyl)-(N-1,3)-triazene diaceturate; 4,4'-Diamidino-diazoaminobenzene; 4:4'-Diamidino-diazoamino-benzene-diaceturate; Di-(p-amidinophenyl) triazene-(N-1:3); Di-(4-amidinophenyl)-triazene-(N1,3)-diaceturate; Diaminozene aceturate; Diminazene; Diminazene aceturate; Diminazene aceturate tetrahydrate; Diminazene diaceturate; Diminizine aceturate; Ganaseg.

Berenil
Alexander, J.; and Phillips, R. S., 1974, Tr. Roy. Soc. Trop. Med. and Hyg., v. 68 (4), 273 [Demonstration]
Trypanosoma brucei in mice suppresses growth of cutaneous nodules caused by Leishmania spp., subcurative treatment of T. brucei with Berenil allowed nodule to recommence growth but when trypanosome infection relapsed the lesion again stopped growing, possible mechanism, no evidence of cross-immunity

Berenil -- Continued.

Berenil
Bacchi, C.; et al., 1975, J. Protozool., v. 22 (3), 33A [Abstract]
Leptomonas, cross-resistance patterns of antrycide-resistant clones

Berenil
Bacchi, C. J.; et al., 1975, Antimicrob. Agents and Chemotherapy, v. 8 (6), 688-692
Leptomonas of insect origin, cross-resistance patterns of clones to a variety of medical and veterinary trypanocides and leishmanicides, potential as a model screening system

Berenil (Diminazene)
Bauer, F.; and Hochheimer, N., 1975, Cahiers Bleus Vet. (25), 156-158
Anaplasma marginale, cows, Berenil

Berenil
Bertrand, E.; et al., 1974, Medecine Trop., v. 34 (4), 485-494
Trypanosoma gambiense, recommended treatment methods for various clinical entities in human trypanosomiasis

Berenil
Brack, C., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (2), 269-270 [Abstract]
Trypanosoma cruzi, electron microscopic localization of binding sites of Escherichia coli RNA polymerase on circular kinetoplast DNA of T. cruzi, probable action of berenil on synthesis of RNA primers

Berenil
Brossard, M., 1976, Rev. Suisse Zool., v. 83 (2), 443-462
Babesia bovis, cattle, successful treatment by intramuscular injection

Berenil
Dwivedi, S. K.; and Gautam, O. P., 1977, Indian J. Animal Sc., v. 46 (12), 1976, 627-629
Babesia bigemina, splenectomized calves, berenil treatment during acute stage, no immunity to challenge with heterologous strain; treatment during carrier stage, survival after heterologous challenge

Berenil
Dwivedi, S. K.; Sharma, S. P.; and Gautam, O. P., 1976, Indian Vet. J., v. 53 (6), 469-472
Babesia bigemina, exotic and cross-bred cattle, 3 clinical cases, berenil with belamyl as supportive therapy; Boophilus sp. tick recovered from one cow: India

Berenil
Fairlamb, A. H.; and Bowman, I. B. R., 1977, Exper. Parasitol., v. 43 (2), 353-361
Trypanosoma brucei, effect of suramin and other trypanocidal compounds on sn-glycerol-3-phosphate oxidase, results suggest this enzyme is one of principal sites of action of suramin in vivo

Berenil -- Continued.

Diminazene aceturate
Freeman, J. C.; Hudson, K. M.; and Byner, C., 1974, Tr. Roy. Soc. Trop. Med. and Hyg., v. 68 (2), 149 [Abstract]
trypanosome-infected mice, immunosuppression with reduction of IgG producing cells, variations in response with administration of trypanocides prior and subsequent to antigen administration

Berenil (Diminazine aceturate)
Gautam, O. P.; et al., 1975, Haryana Vet., v. 14 (2), 94-100
T[heileria] hirci, morphology, sheep, case history, pathology, diagnosis, steclin, berenil, nivaquine, fair results: Hissar, transferred to Kameri

Berenil
Gautam, O. P.; and Dwivedi, S. K., 1976, Indian Vet. J., v. 53 (7), 546-551
Babesia equi, outbreak in mares, clinical pathology, diagnosis, treatment with Berenil, vectors, Hyalomma spp.

Diminazene aceturate
Goodwin, L. G.; and Tierney, E. D., 1977, Parasitology, v. 74 (1), 33-45
Trypanosoma brucei, T. evansi, bioassay technique for titration of trypanocidal activity in microtest plates using very small samples, use to study activity of plasma and tissue fluid from normal and infected rabbits treated with curative drugs, activity higher in samples from infected rabbits due to participation of immune response

Diminazene
Hanson, W. L.; Chapman, W. L., jr.; and Kinnamon, K. E., 1977, Internat. J. Parasitol., v. 7 (6), 443-447
Leishmania donovani in Mesocricetus auratus model, existing procedure modified to make possible screening of 10-15 selected compounds per week for antileishmanial activity, glucantime used as reference compound

Berenil
Hendow, H. T.; Storey, D. M.; and Kershaw, W. E., 1976, Parasitology, v. 73 (2), xiii [Abstract]
Litomosoides carinii and Trypanosoma brucei, hooded rats, effect of combined infections (in some of which trypanosomiasis was cured with Berenil and in some allowed to run its course)

Berenil
Hill, G. C.; and Bonilla, C. A., 1974, J. Protozool., v. 21 (5), 632-638
Crithidia fasciculata, isolation of DNA-dependent RNA polymerases, purified nuclear and kinetoplast DNA can serve as templates for these RNA polymerases, this RNA synthesis is inhibited by several trypanocidal drugs, hybridization experiments revealed no homologies between Blastocrithidia culicis and Crithidia fasciculata K-DNA

Berenil -- Continued.

Diminazene aceturate (Berenil)
Holmes, P. H.; and Jennings, F. W., 1976, Pathophysiol. Parasit. Infect., 199-210
T[rypanosoma] congolense, T. brucei, rabbits infected and subsequently treated with diminazene aceturate, haematological indices, changes in circulating red cell volume and plasma volume, changes in erythropoiesis, red cell survival studies, dramatic effects of treatment on anemia, similar preliminary results with T. congolense in Zebu calves

Diminazene
Irvin, A. D.; and Young, E. R., 1977, Nature, London (5627), v. 269, 407-409
Babesia spp., in vitro test for screening drug activity which exploits finding that Babesia parasites readily incorporate hypoxanthine in an in vitro culture system, may also be used to detect drug resistance patterns and have possible application in primary screening of antimalarial drugs

Diminazene aceturate tetrahydrate
James, D. M., 1976, Internat. J. Parasitol., v. 6 (2), 179-182
Trypanosoma brucei, T. congolense, induction of protective immunity in rodents receiving living trypanosomes pretreated with isometamidium chloride or diminazene aceturate tetrahydrate

Diminazene aceturate
Jennings, F. W.; et al., 1974, Tr. Roy. Soc. Trop. Med. and Hyg., v. 68 (2), 151 [Abstract]
T[rypanosoma] brucei-infected mice, immunosuppression, assessment of lymphoid cell response to antigenic stimulation by incorporation of iododeoxyuridine into lymph nodes; immunosuppression apparently specifically associated with presence of living trypanosomes as immunity partially restored if sensitization occurred same day as drug treatment

Berenil (Diminazene aceturate)
Jennings, F. W.; Whitelaw, D. D.; and Urquhart, G. M., 1977, Parasitology, v. 75 (2), 143-153
Trypanosoma brucei, mice, relationship between duration of infection and efficacy of chemotherapy, discovery of type of relapsing infection which in some respects resembles drug resistance but is apparently due to another cause since infections were always completely susceptible to chemotherapy administered at early stage of infection

Diminazene aceturate (Berenil)
Jennings, F. W.; Whitelaw, D. D.; and Urquhart, G. M., 1977, Vet. Rec., v. 100 (17), 367
T[rypanosoma] brucei, mice (exper.), diminazene aceturate, relapse when administered later than 14 days post-infection, results suggest that trypanosomes are in insusceptible stage of development or in an inaccessible body location, not drug resistance

Berenil
Kottl, M. A.; et al., 1975, J. Protozool., v. 22 (3), 40A-41A [Abstract]
Leptomonas, clones resistant to berenil, acriflavin, or pentamidine, kinetoplast and mitochondrion morphology and function

Berenil -- Continued.

Berenil (Diaminozene aceturate)
Leon, W.; Brun, R.; and Krassner, S. M., 1976, J. Protozool., v. 23 (2), 7A [Abstract]
Leishmania tarentolae promastigotes, Berenil, induction of dyskinetoplasty, inhibition of cell growth

Berenil
Leon, W.; Brun, R.; and Krassner, S. M., 1977, J. Protozool., v. 24 (3), 444-448
Leishmania tarentolae, effect of Berenil on growth, on buoyant density of kinetoplast DNA, on dyskinetoplasty at ultrastructural level, and on cell respiration, results suggest that Berenil adversely affects mitochondrial respiratory activity

Bis-(4-amidinophenyl)-(N-1,3)-triazene diaceturate (Ganaseg)
Lima, J. D.; Biondini, J.; and Reis, R., 1976, Arq. Escola Vet. Univ. Fed. Minas Gerais, v. 28 (1), 87-92
Babesia caballi, horse, treated with Ganaseg: Minas Gerais, Brasil

Diminazene aceturate
Luckins, A. G., 1976, Ann. Trop. Med. and Parasitol., v. 70 (2), 133-145
Trypanosoma congolense, T. vivax, zebu cattle (exper.), serum immunoglobulin levels during infection and after administration of diminazene aceturate

Diminazine diaceturate
McHardy, N.; Haigh, A. J. B.; and Dolan, T. T., 1976, Nature, London (5562), v. 261, 698-699
Theileria parva, drug screening in vitro, only Menoctone showed appreciable activity, subsequent tests in cattle artificially infected with ECF confirmed activity of Menoctone against the disease, mode of action not clear but seems to act against schizont or earlier stages and probably along a widely occurring biochemical pathway

Diminazene aceturate (Berenil)
MacLellan, K. J. R., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (2), 282 [Abstract]
Trypanosom[a] vivax, cattle, aparasitaemic interval following subcurative treatment with diminazene, findings strengthen belief that this strain survives in treated animals other than in bloodstream

Berenil
Madatov, R. I.; and Mershchiev, V. M., 1973, Vestnik Sel'skokhoz. Nauki Kazakhstana (11), 75-78
nosematosis, bees, chemotherapy, sulfapyridazine + chlortetracyclin most effective

Berenil
Makrinos, M. G.; et al., 1974, J. Protozool., v. 21 (3), 445 [Abstract]
Leptomonas strains resistant to Berenil or to ethidium bromide, cytology, staining reactions, no apparent inhibition of kinetoplast DNA but nuclear DNA distinctly reduced in drug-adapted organisms

Berenil -- Continued.

Berenil
Maxie, M. G.; and Losos, G. J., 1977, Vet. Parasitol., v. 3 (4), 277-281
Trypanosoma congolense, cattle, release of parasites from microcirculation after injection of berenil, suggested that berenil acts by making trypanosomes available to host defenses such as the macrophage system

Berenil
Mwambu, P. M., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (2), 286-287 [Abstract]
Trypanosom[a] rhodesiense, importance of cattle as natural reservoir hosts; T. brucei subgroup isolated from cattle, resistance to Ethidium, sensitivity to Berenil: Tanzania; Uganda

Berenil
Naude, T. W.; Basson, P. A.; and Pienaar, J. G., 1970, Onderstepoort J. Vet. Research, v. 37 (3), 173-184
disorders associated with repeated therapeutic and higher dosages of commonly used babecides in dogs and cattle

Diminazene aceturate
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

Diminazene aceturate
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

Berenil
Podkulski, K.; et al., 1974, J. Protozool., v. 21 (3), 430 [Abstract]
Leptomonas, cloning populations resistant to Berenil and to acriflavin

Berenil diaceturate
Raether, W.; et al., 1974, Tropenmed. u. Parasitol., v. 25 (1), 42-48
Trypanosoma rhodesiense in Macaca spp., berenil, chemoprophylactic and pharmacokinetic studies

Berenil
Raether, W.; Loewe, H.; and Seidenath, H., 1974, Tropenmed. u. Parasitol., v. 25 (3), 273-282
Trypanosoma brucei, mice, testing for trypanocidal effect of two cleavage products of Berenil and the possibility of their in vivo recoupling if administered in combination, compared with Berenil

Berenil -- Continued.

Diminazene diaceturate
Raether, W.; and Seidenath, H., 1976, Tropenmed. u. Parasitol., v. 27 (2), 238-244
trypanocidal effects and action of preparation 93/202 in exper. Trypanosoma rhodesiense infections in Macaca arctoides (possible new animal model for late stages of T. rhodesiense infections in man); animals previously treated with pentamidine or diminazene developed resistance to treatment

Berenil
Rao, G. S.; Surendran, N. S.; and Choudary, K. V., 1973, Indian Vet. J., v. 50 (1), 104-105
theileriasis, exotic and cross-bred cows, treatment, best results using Berenil coupled with Achromycin: Andhra Pradesh

Berenil
Roychoudhury, G. K.; Kalita, C. C.; and Roychoudhury, R. K., 1976, Indian Vet. J., v. 53 (5), 364-367
Babesia argentina, exotic calves, clinical symptoms, Berenil, good results, Boophilus microplus recovered from herds: Instructional Livestock Farm, Assam Agricultural University, Khanapara

Berenil
Sherman, I. W., 1974, J. Protozool., v. 21 (3), 452 [Abstract]
Plasmodium knowlesi cell-free system, requirements for optimum protein synthesis, effect of various drugs

Berenil
Sherman, I. W., 1976, Comp. Biochem. and Physiol., v. 53 (4B), 447-450
Plasmodium knowlesi ribosomes, development of highly active cell-free protein synthesizing system, use in assaying antimalarials

Diminazene
Sherman, I. W.; and Jones, L. A., 1976, J. Protozool., v. 23 (2), 277-281
Plasmodium lophurae, reliable procedure for isolation of active ribosomes, optimal requirements for in vitro synthesis of proteins, effects of variety of drugs on duck reticulocyte and plasmodial ribosomes in cell-free protein-synthesizing systems (restricted selectivity not obtained)

Berenil
Singh, C., 1977, Indian Vet. J., v. 54 (6), 492
Trypanosoma evansi, cattle, buffaloes (blood of both), berenil, good results

Berenil
Staak, C., 1976, Vet. Rec., v. 99 (3), 57
Trypanosoma vivax, adult Sahiwal steer, use of complement fixation test in evaluating effectiveness of Berenil treatment and detecting cryptic infection

Berenil -- Continued.

Berenil
Temu, S. E., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (2), 277 [Abstract]
trypanosomiasis, treatment of early infection in humans with berenil, case reports of variations in response to treatment

Ganaseg
Todorovic, R. A.; and Tellez, C. H., 1975, Trop. Animal Health and Prod., v. 7 (3), 125-131
adult cattle (Bos taurus), premunition against Babesia bigemina and B. argentina using Imidocarb or Ganaseg to control post premunition reactions was effective and practical; premunition against Anaplasma marginale using oxytetracycline and Gloxazone was less effective and not practical

Berenil
Uilenberg, G.; and Giret, M., 1973, Rev. Elevage et Med. Vet. Pays Trop., v. 26 (2), 147-150
Trypanosoma congolense, sheep, antibody against late variant type does not show neutralizing activity against type obtained early in infection; difficulty obtaining monovalent sera from laboratory rodents; Berenil treatment does not influence results of neutralization test; persistence of antibodies in sheep; unsuccessful trials of agglutination and immunolysis tests

Diminazine aceturate (Berenil)
Verma, B. B.; Gautam, O. P.; and Malik, P. D., 1976, Exper. Parasitol., v. 40 (3), 406-410
Trypanosoma evansi, crossbred calves Bos taurus x B. indicus (exper.), therapeutic efficacy of diminazine aceturate

Diminazene
Walker, P. J.; and Opiyo, E. A., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (2), 281-282 [Abstract]
Trypanosom[a] brucei, T. rhodesiense, mice, effect of parasite burden on curative dose of trypanocides, possible source of variation in results of in vivo drug tests

Diminazene aceturate
Wilson, A. J.; et al., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (2), 275 [Abstract]
trypanosomiasis, attempted control measures to prevent infections in Boran cattle raised in endemic areas, trials with diminazene aceturate and isometamidium chloride in different regimes: Kenya

Berenil
Wilson, A. J.; Dar, F. K.; and Paris, J., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (2), 287-288 [Abstract]
trypanosomiasis in a herd of cattle maintained under chemotherapeutic cover in area of high tsetse fly challenge: fly infection rates; comparison of diagnostic methods; differential infection rates with 3 Trypanosom[a] spp.; frequency of Berenil requirement; body weight gains of calves

Berenil -- Continued.

Berenil (Diminazene)
Zahalsky, A. C.; and Weinberg, R. L., 1976, J. Parasitol., v. 62 (1), 15-19
Trypanosoma brucei, inbred rats, humoral response to monomorphic strain during infection, during Berenil cure, after cure, and after rechallenge following drug-induced immunity; contribution of Berenil prophylaxis during refractory period, presence or absence of trypanosome-agglutinating antibodies, class of protective antibodies formed

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Berenil diaceturate. See Berenil.

Betamethasone (Betneval)
Mougeot, G.; and Poirot, J. L., 1975, Nouv. Presse Med., v. 4 (20), 1509 [Letter]
Cheyletiella larvae causing persistent pruritus ani in man, relief of symptoms with betamethasone after previous therapy with pyrvinium and aphtiria unsuccessful: Paris

Betneval. See Betamethasone.

Bexin. See Piperazine.

BHC. See Benzene hexachloride, Gamma.

BHS. See Bithionol.

Bifuran. See Furazolidone or Nitrofurazone.

Bilarcil. See Trichlorfon.

Bilevon-M. See Niclofolan.

Bilevon-R. See Niclofolan.

Bimarit. See Clenpyrin.

β,β-Bis-(4-acetamidophenyloxy) ethyl ether. See Diamphenethide.

Bis-(4-amidinophenyl)-(N-1,3)-triazene diaceturate. See Berenil.

1,7,Bis(p-aminophenoxy) heptane -- 153C51; Wellcome 153C51.

Wellcome 153C51
Coles, G. C., 1975, J. Helminth., v. 49 (3), 205-209
Schistosoma mansoni schistosomula, 3-week-old, and adult worms, activity of 6 clinical and 6 experimental schistosomicides in vitro, concluded that meaningful screening for potential schistosomicides cannot at present be carried out in vitro

1,7,Bis(p-aminophenoxy)heptane (153C51)
Watts, S. D. M., 1977, Parasitology, v. 75 (2), xviii [Abstract]
Schistosoma mansoni, effect of 1,7,bis(p-aminophenoxy)heptane (153C51) on glucose transport, schistosomicidal activity apparently not due to this effect

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1-3-Bis (p-chlorobenzylideneamino)-guanidine hydrochloride. See Robenidine.

0,0-Bis(2-chloroethyl)-0-(3-chloro-4-methyl-7-coumarinyl)phosphate. See Haloxon.

Bis 1,4[(7-chloroquinol-4-yl)-2-aminopropyl] piperazine (12278 R.P.)
Hill, J., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 421-427
Plasmodium berghei nigeriensis, screening compounds for causal prophylactic activity, 2 methods for testing compounds against tissue stages (one for compounds with little or no residual effect and one for those with prolonged residual effect), 9 compounds examined

N,N'-Bis-(dichloro-acetyl)-N,N'-bis(2-etoxyethyl-1,4-bis(aminomethyl) benzene). See Teclozan.

Bis-6-dimethylamino-2-[2-(2,5-dimethyl-1-phenylpyrroyl-3-yl) vinyl]-1-methylquinolinium pamoate. See Pyrvinium.

2,5-Bis(4-guanylphenyl)furans
Das, B. P.; and Boykin, D. W., 1977, J. Med. Chem., v. 20 (4), 531-536
Trypanosoma rhodesiense in mice, successful synthesis and antiprotozoal activity of 2,5-bis(4-guanylphenyl)furans in laboratory trials; little activity of these compounds against Plasmodium berghei in mice

2,5-Bis(4-guanylphenyl)-N-methylpyrroles
Das, B. P.; and Boykin, D. W., 1977, J. Med. Chem., v. 20 (9), 1219-1221
2,5-bis(4-guanylphenyl)thiophenes and -pyrroles, significant antiprotozoal activity against Trypanosoma rhodesiense but little activity against Plasmodium berghei in mice (exper.), laboratory synthesis and comparison trials with stilbamidine, hydroxystilbamidine and pentamidine

2,5-Bis(4-guanylphenyl)thiophenes
Das, B. P.; and Boykin, D. W., 1977, J. Med. Chem., v. 20 (9), 1219-1221
2,5-bis(4-guanylphenyl)thiophenes and -pyrroles, significant antiprotozoal activity against Trypanosoma rhodesiense but little activity against Plasmodium berghei in mice (exper.), laboratory synthesis and comparison trials with stilbamidine, hydroxystilbamidine and pentamidine

trans-4,4'-Bis(guanyl)stilbene. See Stilbamidine.

Bis(2-hydroxy-3,5-dichlorophenyl) sulphoxide. See Bithionol.

Bis (2-hydroxy-3.5-dichlorophenyl) sulphoxyde. See Bithionol.

Bis(2 hydroxy-3,5,6-trichlorophenyl) methane. See Hexachlorophene.

4',4"-Bis (2-imidazolin-2-yl-amino) dihydrochloride terephthalanilide (WR 40,078)
Rane, L.; Rane, D. S.; and Kinnamon, K. E., 1976, Am. J. Trop. Med. and Hyg., v. 25 (3), 395-400
Trypanosoma rhodesiense, test system to evaluate large numbers of candidate drugs based on mortality of mice with blood-induced infections, serves as primary screen or as secondary and confirmatory test for active compounds

3,3'-Bis-(2-imidazolin-2-yl)-carbanilide. See Imidocarb.

3,3'-Bis-(2-imidazolin-2-yl) carbanilide dihydrochloride. See Imidocarb.

3,3'-Bis(2-imidazolin-2-yl)-carbanilide dipropionate. See Imidocarb.

Bis-(6-indazolyloxy) alkanes
Gavaghan, A. D.; and Nunn, A. J., 1974, Pharm. Acta Helvetiae, v. 49 (7-8), 250-258
bis-(6-indazolyloxy) alkanes, no schistosomicidal or other significant anthelmintic properties in laboratory trials with mice

4',4"-Bis (4-methyl-3-imidazolin-2-yl) dihydrochloride isophthalanilide (WR 200,389)
Rane, L.; Rane, D. S.; and Kinnamon, K. E., 1976, Am. J. Trop. Med. and Hyg., v. 25 (3), 395-400
Trypanosoma rhodesiense, test system to evaluate large numbers of candidate drugs based on mortality of mice with blood-induced infections, serves as primary screen or as secondary and confirmatory test for active compounds

N,N'-Bis(10-phenothiazine-carbonyl)-piperazine
Berenguer Puvia, F. J.; and Gallego Berenguer, J., 1973, Rev. Iber. Parasitol., v. 33 (1), 81-106
Aspiculuris tetraptera, Syphacia obvelata, Nippostrongylus brasiliensis, mice, piperazine and phenothiazine compared with 4 phenothiazine-piperazine derivatives; piperazine: good activity, phenothiazine: low activity against N. brasiliensis, low toxicity of both; derivatives: more toxic, no anthelmintic activity

Bis-phenyl-(2-chlor-phenyl)-1-imidazolyl-methane. See Clotrimazole.

4',4"-Bis(1,4,5,6-tetrahydro-2-pyrimidinyl) dihydrochloride terephthalanilide (WR 200,388)
Rane, L.; Rane, D. S.; and Kinnamon, K. E., 1976, Am. J. Trop. Med. and Hyg., v. 25 (3), 395-400
Trypanosoma rhodesiense, test system to evaluate large numbers of candidate drugs based on mortality of mice with blood-induced infections, serves as primary screen or as secondary and confirmatory test for active compounds

1,4-Bis (trichloromethyl) benzene -- 1,4-Bis-trichlormethyl-benzol; Chloxyle; Hexachlorparaxylol

Chloxyle
Coles, G. C., 1975, J. Helminth., v. 49 (3), 205-209
Schistosoma mansoni schistosomula, 3-week-old, and adult worms, activity of 6 clinical and 6 experimental schistosomicides in vitro, concluded that meaningful screening for potential schistosomicides cannot at present be carried out in vitro

Hexachlorparaxylol
Petkov, A.; Mes'ov, Ia.; and Rusev, I., 1975, Vet. Sbirka, v. 73 (9), 25-26
mixed trematode infection of sheep, group worming with hexachlorparaxylol

1,4-Bis-trichlormethyl-benzol. See 1,4-Bis (trichloromethyl) benzene.

3,6-Bis(trifluoromethyl)-α-(2-piperidinyl)-9-phenanthrenemethanol HCl. See α-(2-Piperidyl)-3,6-bis (trifluoromethyl)-9-phenanthrene methanol.

3,6-Bis(trifluoromethyl)-α-(2-piperidyl)-9-phananthrenemethanol. See α-(2-Piperidyl)-3,6-bis (trifluoromethyl)-9-phenanthrene methanol.

1,5-Bis(4-trimethylammoniumphenyl)pentan-3-one diiodide (62C47)
Gear, N. R., 1976, Comp. Biochem. and Physiol., v. 55 (1C), 5-10
4 Schistosoma spp., response to various acetylcholinesterase and cholinesterase inhibitors on hydrolysis of acetylcholine by parasite extracts

Bithionol -- BHS; Bis(2-hydroxy-3,5-dichlorophenyl) sulphoxide; Bis (2-hydroxy-3.5-dichlorophenyl) sulphoxyde; Bithionol sulphoxide; Bitin; Bitin-S; Lorothidol; 2,2'-Sulphinyl bis (4,6-dichlorophenol); 2,2' Thiobis (4,6-dichlorophenol); Trithiadol (with Calcium sulfate and Methiotriazamine).

Bithionol (Bitin)
Arambulo, P. V. III; Cabrera, B. D.; and Tongson, M. S., 1976, Internat. J. Zoonoses, v. 3 (2), 77-104
Taenia saginata, humans: Philippines

Bithionol
Cabrera, B. D.; and Fevidal, P. M., 1974, Southeast Asian J. Trop. Med. and Pub. Health, v. 5 (1), 39-45
human paragonimiasis, prevalence survey, clinical trials with bithionol produced complete cures, continued consumption of partially cooked or raw crabs results in continued reinfections in the Philippines

Bithionol -- Continued.

Bis(2-hydroxy-3,5-dichlorophenyl) sulphoxide (BHS)
  Chroustova, E., 1975, Acta Vet. Brno, v. 44 (1-2), 131-136
    Fasciola hepatica, bis(2-hydroxy-3,5-dichlorophenyl) sulphoxide alone or with hexachlorophene, cattle, medicated feed, effective, economical

Bis(2-hydroxy-3,5-dichlorophenyl) sulphoxide + Hexachlorophene
  Chroustova, E., 1975, Acta Vet. Brno, v. 44 (1-2), 131-136
    Fasciola hepatica, bis(2-hydroxy-3,5-dichlorophenyl) sulphoxide alone or with hexachlorophene, cattle, medicated feed, effective, economical

Bis (2-hydroxy-3.5-dichlorophenyl) sulphoxyde (Bitin-S)
  Chroustova, E., 1975, Acta Vet. Brno, v. 44 (4), 401-405
    Fasciola hepatica, naturally and experimentally infected sheep, bis (2-hydroxy-3.5-dichlorophenyl) sulphoxyde (BHS) in feed, less satisfactory in naturally-infected sheep

Bithionol
  Dorchies, P.; and Amalric, M., 1977, Rev. Med. Vet., Toulouse, v. 128 (1), 7-24
    gastrointestinal helminths, gastrophilosis, horses, anthelmintics, drug efficacy, review

Bithionol
  Eliasoff, L. B.; and Harden, C. R., 1977, Feline Pract., v. 7 (5), 45-47
    Paragonimus kellicotti, cat (feces), case report, successful treatment with bithionol

Bithionol
  Fernandes, B. J.; et al., 1976, Canad. Med. Ass. J., v. 115 (11), 1111-1114
    Alaria americana mesocercariae, massive infection in man with parasites present throughout body, bithionol therapy unsuccessful, diagnosis by lung biopsy confirmed at autopsy, infection probably from eating undercooked frogs' legs, generalized immunologic reactions, clinical report: Ontario, Canada

Bithionol sulphoxide
  Gemmell, M. A.; Oudemans, G.; and Sakamoto, T., 1975, Research Vet. Sc., v. 18 (1), 109-110
    Echinococcus granulosus, Taenia hydatigena, dogs, dosing schedule for treating with bithionol sulphoxide

Bitin
  Giboda, M.; and Beno, P., 1974, Ceskoslov. Pediat., v. 29 (7), 383-385
    Fasciola hepatica, infections in 2 children presenting as eosinophilia, case histories, treatment with bitin successful in one child but symptoms persisted in second: Czechoslovakia

Bithionol -- Continued.

Bithionol
  Hashiguchi, Y.; et al., 1976, J. Parasitol., v. 62 (1), 146-147
    Paragonimus ohirai, P. miyazakii, excysted metacercariae, nonovigerous adults, ovigerous adults, survival in diffusion chambers implanted intraperitoneally or subcutaneously in rats treated with bithionol, suitable technique for obtaining information on drug effects

Bithionol
  Jones, E. A.; et al., 1977, Am. J. Med., v. 63 (5), 836-842
    Fasciola hepatica, massive infection in man (ova in feces) who frequently ate wild watercress (suitable habitat and infected snail hosts found near source of watercress), extensive clinical case report, successful therapy with bithionol after incomplete cure using chloroquine: Northwest England

Bithionol
  Kammerer, W. S.; and Judge, D. M., 1976, Am. J. Trop. Med. and Hyg., v. 25 (5), 714-717
    Echinococcus granulosus, mice (exper.), mebendazole, bithionol, promising results

Bithionol (Lorothidol)
  Leland, S. E., jr.; et al., 1975, Am. J. Vet. Research, v. 36 (4), Part 1, 449-456
    Cooperia punctata, in vitro-grown parasitic stages, evaluation of 28 anthelmintics using presumptive and confirmatory tests, comparison of in vitro potency with established in vivo activity against Cooperia and various other parasites, potential usefulness as preliminary screening method

Trithiadol
  McLoughlin, D. K.; and Chute, M. B., 1973, Avian Dis., v. 17 (4), 717-721
    Eimeria tenella, chickens (exper.), nequinate, good results against a sensitive strain and strains resistant to non-quinoline coccidiostats, development of nequinate-resistant strain, cross-resistance study

Bithionol
  Nwokolo, C.; and Volkmer, K. J., 1977, Am. J. Trop. Med. and Hyg., v. 26 (4), 688-692
    Paragonimus uterobilateralis in humans, clinical trials using single dose therapy with menichlopholan, results compare favorably with bithionol making menichlopholan the drug of choice for paragonimiasis in Africa

Bithionol (Bitin)
  Sepuya, S. M., 1976, Canad. Med. Ass. J., v. 115 (4), 299 [Letter]
    Clonorchis sinensis, case report of persistent infection in man, poor results with bithionol treatment: Vancouver, British Columbia (Chinese native)

Bithionol -- Continued.

Bithionol
Uchida, A.; and Itagaki, H., 1976, Nippon Zyuisi-Kai Zassi, v. 29 (5), 268-270
Metroliasthes coturnix, quails, bithionol, worm expulsion successful

Bithionol
Wagener, D. J. T.; van Tongeren, J. H. M.; and Meuwissen, J. H. E. T., 1972, Nederl. Tijdschr. Geneesk., v. 116 (11), 431-435
Fasciola hepatica in youth presenting as severe anemia, unsuccessful treatment with dehydroemetine, eggs eliminated from feces after 2 courses of bithionol, case report, medical management: Netherlands

Bithionol (Bitin)
Yokogawa, M., 1974, Internat. Med. Found. Japan. Reporting series (4), 137-149
Paragonimus spp. infective to man, epidemiology, geographic distribution, current control measures, mass therapy with bithionol, extensive review

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Bithionol sulphoxide. See Bithionol.

Bitin. See Bithionol.

Bitin-S. See Bithionol.

Bitoscanate -- HOE 16842; Jonit; Phenylene di-iso-thiocyanate(1,4).

Bitoscanate (Jonit)
Ahmed, S. H.; and Vaishnava, S., 1975, Progr. Drug Research, v. 19, 2-5
ancylostomiasis, children, clinical trials with bitoscanate successful, few transient side effects: New Delhi, India

HOE 16842
Beltran-H., F.; Gutierrez-Q., M.; and Navarrete-C., E., 1972, Prensa Med. Mexicana, v. 37 (5-6), 224-227
Necator americanus, humans, successful clinical trials with HOE 16842, mild side effects: Mexico

Bitoscanate
Bhandari, B.; and Shrimali, L. N., 1975, Progr. Drug Research, v. 19, 6-9
Ancylostoma duodenale, bitoscanate a promising safe and effective anthelmintic for children, clinical trials: Udaipur, India

Bitoscanate
Biagi, F., 1975, Progr. Drug Research, v. 19 23-27
human hookworm and trichuriasis successfully treated with bitoscanate in clinical trials; mixed results when used to treat ascariasis in comparison trials with dithiazanine and piperazine

Bitoscanate -- Continued.

Bitoscanate (Jonit)
Chodera, L.; et al., 1973, Polski Tygod. Lekar., v. 28 (9), 338-340
Necator americanus, Trichuris trichiura, evaluation of bitoscanate as therapy; poor results in trichuriasis and frequent side effects in hookworm

Bitoscanate (Jonit)
Harinasuta, T.; and Bunnag, D., 1975, Progr. Drug Research, v. 19, 64-69
Necator americanus, humans, clinical field trials with bitoscanate testing various regimens and dosages: South Thailand

Bitoscanate
Johnson, S., 1975, Progr. Drug Research, v. 19, 70-74
human hookworm, comparative field trials with bitoscanate, bephenium hydroxynaphthoate, and tetrachlorethylene, results most favorable with bitoscanate, transient side effects: Vellore, Tamilnadu, India

Bitoscanate (Jonit)
Laemmler, G.; and Gruener, D., 1976, Berl. u. Munchen. Tierarztl. Wchnschr., v. 89 (11), 222-225; (12), 229-233
Capillaria hepatica in Mastomys natalensis, comparative activity of 24 anthelmintics, possible model screening system

Bitoscanate
Mutalik, G. S.; and Gulati, R. B., 1975, Progr. Drug Research, v. 19, 86-89
human hookworm, comparative study of bitoscanate, bephenium hydroxynaphthoate, and tetrachlorethylene; bitoscanate most effective with mild and transient side effects

Bitoscanate
Mutalik, G. S.; Gulati, R. B.; and Igbal, A. K., 1975, Progr. Drug Research, v. 19, 81-85
human intestinal parasites, clinical trials with bitoscanate show it to be safe and useful anthelmintic especially against hookworm infections: India

Phenylene di-iso-thiocyanate(1,4) (Jonit)
O'Holohan, D. R.; Hugoe-Matthews, J.; and Kanagasabai, K., 1971, Southeast Asian J. Trop. Med. and Pub. Health, v. 2 (1), 51-55
Necator americanus, patients with hookworm and anemia treated with jonit, drug well accepted and side effects minimal, effective hookworm agent with reduction in anemia levels and reduced fecal egg counts: Malaysia

Bitoscanate (Jonit)
Patricia, A. H.; et al., 1975, Progr. Drug Research, v. 19, 90-95
Necator americanus, Ancylostoma duodenale, humans, efficacy of bitoscanate compared with tetrachlorethylene and bephenium hydroxynaphthoate, found to be safe and effective

Bitoscanate -- Continued.

Jonit
Peters, M.; Frenzel, H.; and Kade, H., 1973, Med. Klin., Berlin, v. 68 (39), 1255-1261
Clonorchis sinensis, clinical case reports, epidemiology, pathology, jonit: Germany (immigrants from oriental countries)

Bitoscanate
Samuel, M. R., 1975, Progr. Drug Research, v. 19, 96-107
human intestinal helminths, review of clinical experiences world wide comparing the efficacy and tolerance of bitoscanate with that of bephenium hydroxynaphthoate and tetrachlorethylene; found to be most useful against hookworm with results against other helminths still inconclusive

Bitoscanate
Vakil, B. J.; and Dalal, N. J., 1975, Progr. Drug Research, v. 19, 166-175
comparative efficacy of newer anthelmintics in treating various human intestinal helminths, review

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"Blue Dextran"
Williamson, J., 1977, J. Protozool., v. 24 (2), Suppl., 5A [Abstract]
Trypanosoma congolense, trypanocidal activity of several polyanions

Bo Ana. See Famphur.

Bonaid 100. See Buquinolate.

Bonlam. See Cambendazole.

Borantel. See Morantel.

Boric acid
Motomura, I., 1967, Nettai Igaku (Trop. Med.), v. 9 (4), 226-243
Toxoplasma gondii, cysts and proliferative forms, in vitro survival in different concentrations of disinfectants or on incubation with digestive enzymes or bovine bile

Boric acid
Qadir, A. N. M. A., 1976, Indian Vet. J., v. 53 (6), 448-450
Haemonchus sp., Trichostrongylus sp., Oesophagostomum sp., larvicidal action of 4 chemical compounds on infective nematode larvae in experimental outdoor plots; urea most effective

Boric acid
Somasundaram, M.; and Rajamanickam, C., 1975, Southeast Asian J. Trop. Med. and Pub. Health, v. 6 (3), 453 [Demonstration]
Thelazia rhodesii, eye worm infection in cattle, clinical aspects, treatment with boric acid solution and antibiotic: Peninsular Malaysia

Bovhelm-plus. See Diethylcarbamazine or Morantel.

Bovizole. See Thiabendazole.

Brevitox. See Dichlorvos.

Brilliant green
Cerva, L., 1973, J. Protozool., v. 20 (4), 535
Naegleria in vitro, sensitivity to brilliant and malachite green equal to amphotericin B

BRL 6,548
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

BRL 6548
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

BRL 7,368
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

BRL 7638
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

BRL 50,242
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

BRL 50,435
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

BRL 50,591
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

BRL 51,084
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

BRL 51,091
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

BRL 51,091 HCl
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

Brobenzoxaldine -- Intestopan (with Broxyquinoline.

Intestopan
Kvasz, L.; et al., 1973, Ceskoslov. Pediat., v. 28 (6), 326-327
Lamblia intestinalis in institutionalized children, intestopan therapy, recurrence of cysts in stool 4 weeks after treatment, reinfection from personnel not ruled out: Bratislava

Brobenzoxaldine + Broxyquinoline (= Intestopan)
Palomino, H.; et al., 1970, Bol. Chileno Parasitol., v. 25 (1-2), 52-56
Giardia lamblia in children, comparative clinical trials testing acranil, furazolidone, metronidazole, paromomycin and intestopan

Brobenzoxaldine + Broxyquinoline (= Intestopan)
Sanders, D. F.; and Bianchi, G. N., 1970, Med. J. Australia, v. 1 (6), 261-266
Entamoeba histolytica epidemic in institutionalized mental defectives, high associated incidence of Trichuris trichiura suggests it as factor contributing to Entamoeba's pathogenicity; comparative study of effectiveness of intestopan and humatin in treatment of amoebiasis: Queensland, Australia

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Bromfenvinfos -- IPO-62.

IPO-62
Janeczek, W.; Koprowski, J.; and Patyk, S., 1975, Med. Wet., v. 31 (12), 736-737
Demodex canis, dogs; Notoedres cati, cats, treatment with chlorfenvinphos compounds

Bromfenvinfos (IPO-62)
Patyk, S.; and Kliszewski, W., 1976, Med. Wet., v. 32 (8), 471-473
ectoparasites, domestic animals, control with enolophosphates IPO-62 and IPO-63

Bromodeoxyuridine
Irvin, A. D.; and Young, E. R., 1977, Nature, London (5627), v. 269, 407-409
Babesia spp., in vitro test for screening drug activity which exploits finding that Babesia parasites readily incorporate hypoxanthine in an in vitro culture system, may also be used to detect drug resistance patterns and have possible application in primary screening of antimalarial drugs

4-Bromo-2,5-dichlorophenyl diethyl phosphorothionate. See Bromophos ethyl.

6-Bromo-α-di-n-heptylaminomethyl-9-phenanthrenemethanol · HCl -- WR 33,063; WR 33,063 HCl.

WR 33063
Davidson, D. E., jr.; et al., 1976, Am. J. Trop. Med. and Hyg., v. 25 (1), 26-33
Plasmodium cynomolgi var. bastianellii, trophozoite-induced malaria in Macaca mulatta as antimalarial drug testing system

6-Bromo-α-di-n-heptylaminomethyl-9-phenanthrenemethanol·HCl (WR 33,063)
Einheber, A.; Palmer, D. M.; and Aikawa, M., 1976, Exper. Parasitol., v. 40 (1), 52-61
Plasmodium berghei, chloroquine-induced pigment clumping, inhibition and reversal by quinine, WR 33,063, WR 171,669, WR 30,090, and WR 142,490, possible application in assay for oral bioavailability of such candidate antimalarials

WR 33,063 HCl
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

WR 33,063 HCl
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

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4'-Bromo-2,6-dihydroxybenzanilide. See Resorantel.

Bromofenofos. See Bromophenophos.

9-(2-Bromo-4,5-methylenedioxyphenyl)-2,6-dimethyl-2,6-monadiene
Boisvenue, R. J.; Emmick, T. L.; and Galloway, R. B., 1977, Exper. Parasitol., v. 42 (1), 67-72
Haemonchus contortus, some compounds with juvenile hormone activity inhibited in vitro development of infective larvae, none of these compounds had anthelmintic properties against Ascaris suum or Nematospiroides dubius in mice

Bromophenophos -- Acedist; Bromofenofos; Bromphenophos; 4,4',6,6'-Tetrabromo-2,2'-biphenyldiol mono (dihydrogenphosphate).

Acedist
Andrasko, H.; Pacenovsky, J.; and Krupicer, I., 1974, Veterinarstvi, v. 24 (3), 121
F[asciola] hepatica, efficiency of acedist, domestic ruminants

Acedist (Bromphenophos)
Koopman, J. J., 1970, Proc. 6. Internat. Conf. Cattle Dis. (Philadelphia, Aug. 16-20, 1970), 357-359
fascioliasis, cattle, sheep, suggestions for treatment and prevention in the Netherlands; testing of Acedist, Bilevon-R, comparison with hexachlorophene

Bromofenofos
Stammers, B. M., 1975, Ztschr. Parasitenk., v. 47 (2), 145-150
Fasciola hepatica, disruption of spermatogenesis, known fasciolicides and other anthelmintics tested

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N-[[[-5(4-Bromophenyl)-6-methyl-2-pyrazinyl] amino]carbohyl]-2,6-dichlorobenzamide (Eli Lilly 794)
Chamberlain, W. F.; and Becker, J. D., 1977, Southwest. Entom., v. 2 (4), 179-182
Xenopsylla cheopis, inhibition of cocoon formation and adult emergence by insect growth regulators, possible means of control

Bromophos
Ising, E., 1975, Ztschr. Ang. Zool., v. 62 (4), 435-445
Xenopsylla cheopis, Bromophos as systemic insecticide in guinea pig blood, given in feed; low toxicity to mammals

Bromophos (Z-51)
Ramisz, A.; and Komorowski, A., 1975, Polskie Arch. Wet., v. 17 (4), 623-631
Trichinella spiralis, muscle phase in mice, fenchlorphos and bromophos, inhibition of host cholinesterase activity in motor end plates; increased activity of cholinergic system as main factor in pathogenesis

Bromophos
Rawlins, S. C.; and Mansingh, A., 1977, J. Econom. Entom., v. 70 (6), 697-698
Boophilus microplus, Amblyomma cajennense, and Anocentor nitens, susceptibility of Jamaican strains to various acaricides

Bromophos
Rawlins, S. C.; and Mansingh, A., 1977, PANS, v. 23 (2), 137-142
Boophilus microplus, Jamaican strain, susceptibility to 35 acaricides, carbamates more effective than organophosphates or formamidines, chlorinated hydrocarbons least effective, comparison of resistance pattern with susceptible and resistant Australian strains

Bromophos ethyl -- 4-Bromo-2,5-dichlorophenyl diethyl phosphorothionate.

Bromophos ethyl
Matthewson, M. D.; Wilson, R. G.; and Hammant, C. A., 1976, Bull. Entom. Research, v. 66 (4), 553-560
Boophilus decoloratus, resistance of 8 strains to organophosphorus and carbamate ixodicides, comparison with Berlin strain of B. decoloratus and Biarra strain of B. microplus: Rhodesia

Bromophos-ethyl + Cypermethrin + Chlorfenvinphos
Nolan, J.; and Bird, P. E., 1977, J. Austral. Entom. Soc., v. 16 (3), 252
Boophilus microplus, organophosphorus-resistant strains, effective control of ticks with addition of small quantities of synthetic pyrethroids to organophosphorus acaricides; coefficients of co-toxicity

Bromophos-ethyl
Roulston, W. J.; et al., 1977, Austral. J. Agric. Research, v. 28 (2), 345-354
Boophilus microplus, characterization of three strains of organophosphorus-resistant cattle ticks, resistance to organophosphorus and carbamate acaricides: Bajool, Tully and Ingham, northern Queensland

Bromophos ethyl
Stone, B. F.; Wilson, J. T.; and Youlton, N. J., 1976, Austral. J. Biol. Sc., v. 29 (3), 251-263
Boophilus microplus, 3 strains, linkage and dominance characteristics of genes for resistance to organophosphorus acaricides and allelic inheritance of decreased brain cholinesterase activity

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Bromosalicylanides. See Bromsalans.

Bromphenophos. See Bromophenophos.

Bromsalans -- Bromosalicylanides; Dibromsalan; Tribromsalan.

Dibromsalan
Huebler, D., 1975, Pharmazie, v. 30 (5), 324-326
Fasciola hepatica, rabbits superior to rats as experimental host for screening trials of fasciolicides, laboratory trials using known anthelmintics

Tribromsalan
Huebler, D., 1975, Pharmazie, v. 30 (5), 324-326
Fasciola hepatica, rabbits superior to rats as experimental host for screening trials of fasciolicides, laboratory trials using known anthelmintics

Bromsalans -- Continued.

Bromosalicylanides (Bromsalans)
Michalek, A.; and Vodrazka, J., 1977, Veterinaria, Praha, v. 19 (1-2), 13-27
fascioliasis, lactic dehydrogenase isoenzyme activity in blood of sheep after administration of fasciolicides to measure effect on liver

Brotianide -- 2-Acetoxy-3-bromo-5-chloro-N-4'bromophenylthiobenzamide; Bay Va 4059; Dirian.

2-Acetoxy-3-bromo-5-chloro-N-4'bromophenylthiobenzamide (= Dirian)
Bankov, D. E., 1973, Vet. Med. Rev. (2), 117-121
Dirian, mature and immature Fasciola hepatica, sheep, therapeutic trial, drug effectiveness unchanged by pathological changes in liver from previous or present exposure to F. hepatica, Dicrocoelium lanceolatum, and Echinococcus larvae, safe for use in lactating animals

2-Acetoxy-3-bromo-5-chloro-N-4'bromophenylthiobenzamide (= Dirian)
Bankov, D. E., 1973, Vet. Med. Rev. (2), 122-133
Fasciola hepatica, sheep, Dirian, field trials against acute, subacute, and chronic fascioliasis, good results, increased milk yield following treatment

Dirian
Hoerchner, F.; Grelck, H.; and Flasshoff, F. G., 1976, Berl. u. Munchen. Tierarztl. Wchnschr., v. 89 (15), 296-300
Fasciola hepatica, cattle, diagnosis, comparison of one-time fecal examination and various serological tests, confirmation by post-mortem liver and bile examination; indirect immunofluorescence test better than agar gel precipitation, latex agglutination or fecal examination; duration of egg-shedding after treatment with Dirian

Broxyquinoline -- Intestopan (with Brobenzoxaldine).

Intestopan
Kvasz, L.; et al., 1973, Ceskoslov. Pediat., v. 28 (6), 326-327
Lamblia intestinalis in institutionalized children, intestopan therapy, recurrence of cysts in stool 4 weeks after treatment, reinfection from personnel not ruled out: Bratislava

Broxyquinoline + Brobenzoxaldine (= Intestopan)
Palomino, H.; et al., 1970, Bol. Chileno Parasitol., v. 25 (1-2), 52-56
Giardia lamblia in children, comparative clinical trials testing acranil, furazolidone, metronidazole, paromomycin and intestopan

Broxyquinoline -- Continued.

Broxyquinoline + Brobenzoxaldine (= Intestopan)
Sandars, D. F.; and Bianchi, G. N., 1970, Med. J. Australia, v. 1 (6), 261-266
Entamoeba histolytica epidemic in institutionalized mental defectives, high associated incidence of Trichuris trichiura suggests it as factor contributing to Entamoeba's pathogenicity; comparative study of effectiveness of intestopan and humatin in treatment of amoebiasis: Queensland, Australia

Bunamidine -- Bunamidine hydrochloride; Bunamidine hydroxynaphthoate; N,N-Di-n-butyl-4-hexyloxy-1-naphthamidine; N,N-Dibutyl-4-hexyloxy-1-naphthamidine hydrochloride; N,N-Di-n-butyl-4 hexyloxy-1-naphthamidine 3-hydroxy-2-naphthoate; Scolaban; Scoloban.

Bunamidine hydrochloride (Scolaban)
Andersen, F. L.; Loveless, R. M.; and Jensen, L. A., 1975, Am. J. Vet. Research, v. 36 (5), 673-675
Echinococcus granulosus, dogs, bunamidine HCl efficacious against immature and mature stages, could be used as control measure against hydatid disease: Utah

Bunamidine
Coles, G. C.; and McNeillie, R. M., 1977, J. Helminthol., v. 51 (4), 323-326
dietary feeding of drugs for 5 days to mice infected with Nematospiroides dubius and Hymenolepis nana, detected all modern anthelmintics examined except stilbazium; simple test using N. spathiger eggs and Nippostrongylus brasiliensis adults to detect anthelmintics in vitro

Bunamidine
Dorchies, P.; and Amalric, M., 1977, Rev. Med. Vet., Toulouse, v. 128 (1), 7-24
gastrointestinal helminths, gastrophilosis, horses, anthelmintics, drug efficacy, review

Scolaban
Fijan, N.; et al., 1976, Vet. Arhiv, Zagreb, v. 46 (9-10), 245-252
Bothriocephalus gowkongensis, carp, efficacy of yomesan, scolaban, depifen, and tobacco dust: SR Croatia

Bunamidine hydroxynaphthoate
Gemmell, M. A.; and Oudemans, G., 1974, Research Vet. Sc., v. 16 (1), 85-88
Echinococcus granulosus, Taenia hydatigena, dogs, efficiency and limitations of bunamidine hydroxynaphthoate administered in a prepared food for low level continuous feeding and for specific high dose level treatments

Bunamidine hydrochloride
Hart, R. J.; Turner, R.; and Wilson, R. G., 1977, Internat. J. Parasitol., v. 7 (2), 129-134
Hymenolepis nana, bunamidine causes decrease in glucose uptake and increase in glucose efflux and stimulation of surface phosphatase activity, suggests that disruption of integument is mode of action by which worm death is caused, ultrastructural studies confirm these biochemical indications of integumental damage

Bunamidine -- Continued.

Bunamidine hydrochloride (Scolaban)
King, A. B., 1976, J. Am. Vet. Med. Ass., v. 169 (9), 854-856
bunamidine hydrochloride, dogs, recommended dosages (in Canada) are not harmful; reduced instead of increased dosage in cases which fail to respond to treatment

Bunamidine hydrochloride (Scoloban)
Leland, S. E., jr.; et al., 1975, Am. J. Vet. Research, v. 36 (4), Part 1, 449-456
Cooperia punctata, in vitro-grown parasitic stages, evaluation of 28 anthelmintics using presumptive and confirmatory tests, comparison of in vitro potency with established in vivo activity against Cooperia and various other parasites, potential usefulness as preliminary screening method

Bunamidine hydrochloride (Scoloban)
Roberson, E. L., 1976, Am. J. Vet. Research, v. 37 (12), 1483-1484
Taenia spp., Dipylidium caninum, dogs, uredofos compared with niclosamide and bunamidine hydrochloride

Bunamidine hydrochloride
Trejos, A.; Szyfres, B.; and Marchevsky, N., 1975, Research Vet. Sc., v. 19 (2), 212-213
Echinococcus granulosus, dogs (exper.), controlled trial to compare efficiency of arecoline hydrobromide vs. bunamidine hydrochloride

Bunamidine hydrochloride (Scolaban)
Williams, J. F.; and Keahey, K. K., 1976, J. Am. Vet. Med. Ass., v. 168 (8), 689-691
bunamidine hydrochloride, sudden death associated with treatment of three dogs for tapeworm, case reports

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Bunamidine hydrochloride. See Bunamidine.

Bunamidine hydroxynaphthoate. See Bunamidine.

Buquinolate
Chapman, H. D., 1976, Vet. Parasitol., v. 1 (4), 299-308
Eimeria tenella, delayed treatment used to study mode of action of 7 anticoccidial drugs in the chicken and chicken embryo

Buquinolate
Kohls, R. E.; Engle, A. T.; and Butters, H. E., 1972, Avian Dis., v. 16 (4), 907-914
coccidiosis in laying chickens (exper.), continuous buquinolate medication, good protection with increased egg production and egg quality, immune status at termination

Buquinolate
McLoughlin, D. K.; and Chute, M. B., 1973, Avian Dis., v. 17 (4), 717-721
Eimeria tenella, chickens (exper.), nequinate, good results against a sensitive strain and strains resistant to non-quinoline coccidiostats, development of nequinate-resistant strain, cross-resistance study

Buquinolate
Mylari, B. L.; et al., 1977, J. Med. Chem., v. 20 (4), 475-483
Eimeria spp. in chickens, 1-benzyl-6-azauracils as potential new anticoccidials, comparison trials with several experimental and commercial anticoccidials

Buquinolate (Bonaid 100)
Onawunmi, O. A.; and Todd, A. C., 1976, Am. J. Vet. Research, v. 37 (6), 657-660
porcine coccidiosis (exper.), suppression and control with chlortetracycline combination, buquinolate, and lincomycin hydrochloride

Buquinolate
Ryley, J. F.; and Wilson, R. G., 1976, Parasitology, v. 73 (2), 137-148
Eimeria tenella, practical considerations involved in screening drugs in cell culture and in the chicken, analysis for incidence of anticoccidial activity and host cell toxicity based on 11,550 compounds screened in vitro, correlation of activity in vitro and in vivo attempted, results show that screening compounds in vitro is not satisfactory or reliable alternative to screening in chickens, but in vitro studies can play a part in evaluation of active drugs

Buquinolate
Wang, C. C., 1976, Biochem. Pharmacol., v. 25 (3), 343-349
Eimeria tenella, relationship of respiration to sporulation and excystation, inhibition of respiration during sporulation and excystation by quinolone coccidiostats, amquinate-resistant strain much less subject to inhibition by quinolones, 2-hydroxynaphthoquinone coccidiostats are equally effective inhibitors against wild type and amquinate-resistant mutant

Burnt engine lubricating oil
Prajapati, R. B.; and Hiregaudar, L. S., 1976, Indian Vet. J., v. 53 (2), 150-151
psoroptic mange of buffaloes, mineral and plant oils, burnt engine lubricating oil cheaper, more effective

Burroughs Wellcome compound 61-435. See N,N-Diheptyl-4-pentyloxynaphthamidine.

Butamisole hydrochloride -- (-)-2-Methyl-n-[3-(2,3,5,6-tetrahydroimidazo-[2,1-b] thiazol-6-yl) phenyl] propanamide monohydrochloride.

Butamisole hydrochloride
Ronald, N. C.; and Bell, R. R., 1976, Southwest. Vet., v. 29 (3), 217-218
dogs, critical evaluation of butamisole hydrochloride, highly effective against Ancylostoma caninum and Trichuris vulpis, not effective against Toxocara canis; Dipylidium caninum unaffected

Butea frondosa
Lal, Jawahar; et al., 1976, Indian J. Physiol. and Pharmacol., v. 20 (2), 64-68
Ascaridia galli, in vitro anthelmintic activity of 10 medicinal plants, comparison with piperazine hexahydrate

Butonate -- Butyric acid dimethyl (2,2,2-trichloro-1-hydroxy-ethyl) phosphonate ester; T-113; Trichlorfon butonate.

Trichlorfon butonate (Butonate)
Drudge, J. H.; Lyons, E. T.; and Tolliver, S. C., 1975, Am. J. Vet. Research, v. 36 (3), 251-253
Gasterophilus intestinalis, G. nasalis, oral stages in horses and ponies (nat. and exper.), activity of several organophosphorus compounds in various formulations and levamisole-piperazine mixture

2 (Butyl-amino) ethanethiol
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

2 (Butyl-amino) ethane thiosulphate
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

α-(tert.-Butylaminoethyl)-2,8-(bis-trifluoromethyl)-4-quinolinemethanol, hydrochloride (WR-184,806)
Schmidt, L. H., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (4), 446-474
Plasmodium falciparum and Plasmodium vivax in Aotus trivirgatus as model systems for chemotherapeutic studies, handling of animals, course of infections and response to standard antimalarial drugs compared with that in man, use of model in assessing activities of new agents and drug resistance

4-tert-Butyl-2-chlorophenyl methyl methylphosphoramidate. See Crufomate.

1-Butyl-2-(3,4-dichlorophenylimino)-pyrrolidine. See Clenpyrin.

6-(N'-t-Butyl-ureido)-purine
Heischkeil, R., 1974, Tropenmed. u. Parasitol., v. 25 (1), 105-115
Plasmodium vinckei, mice, purine and pyrimidine derivatives, antimetabolic activity against structurally analogous vitamins of the B complex and precursors of nucleic acids, plasmodiostatic activity compared to some standard antimalarials

Butynorate. See Dibutyltin dilaurate.

Butyric acid dimethyl (2,2,2-trichloro-1-hydroxy-ethyl) phosphonate ester. See Butonate.

Calcium arsenite
Sinclair, A. N., 1976, N. Zealand Vet. J., v. 24 (7), 149-152
Psorergates ovis, fleece derangement in infected Merino sheep before and after treatment as measurement of treatment success

Calcium cyanamide
Leinati, L.; Oberosler, R.; and Beber, L., 1972, Atti Soc. Ital. Sc. Vet., v. 26, 479-481
Hypoderm[a], bovine, control, disinfestation of mountain pastures by calcium cyanamide and by grazing of poultry, increased weight gain by cattle

Calcium sulfate -- Trithiadol (with Bithionol and Methiotriazamine).

Trithiadol
McLoughlin, D. K.; and Chute, M. B., 1973, Avian Dis., v. 17 (4), 717-721
Eimeria tenella, chickens (exper.), nequinate, good results against a sensitive strain and strains resistant to non-quinoline coccidiostats, development of nequinate-resistant strain, cross-resistance study

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Calotropis gigantea aqueous extract
Sharma, L. D.; Bahga, H. S.; and Srivastava, P. S., 1971, Indian J. Animal Research, v. 5 (1), 33-38
Haemonchus contortus, sheep, goats, screening medicinal plant extracts, effective

Camben. See Cambendazole.

Cambendazole -- Bonlam; Camben; Noviben; 5-Isopropoxy carbonylamino-2-(4-thiazolyl) benzimidazole; Isopropyl 2-(4-thiazolyl)-5-benzimadazolecarbamate; 5-Isoproxy carbonylamino 2-(thiazolyl) benzimidazole; MK-905; 2-(4-Thiazolyl)-5-isopropoxycarbonylaminobenzimidazole.

Cambendazole
Amann, R. P.; et al., 1977, J. Am. Vet. Med. Ass., v. 170 (7), 730-732
cambendazole, stallions, did not affect reproductive function

Cambendazole
Ardans, A.; and Walters, G., 1975, Am. J. Vet. Res., v. 36 (11), 1589-1590
Parascaris equorum, strongyles, Quarter horses, treatment with 3 formulations of cambendazole (paste, pellets, suspension) vs. thiabendazole (suspension)

Cambendazole (Bonlam)
Berger, J., 1975, J. South African Vet. Ass., v. 46 (4), 369-372
sheep, laboratory strain and parbendazole resistant field strain of Haemonchus contortus, resistant to five benzimidazoles, susceptible to levamisole and haloxon

Cambendazole -- Continued.

Cambendazole
Campbell, W. C.; McCracken, R. O.; and Blair, L. S., 1975, J. Parasitol., v. 61 (5), 844-852
Echinococcus multilocularis in mice and cotton rats, Taenia crassiceps in mice, effect of benzimidazole compounds on metacestodes, comparison of intraperitoneal, subcutaneous, and oral inoculation

Cambendazole
Coles, G. C.; and McNeillie, R. M., 1977, J. Helminthol., v. 51 (4), 323-326
dietary feeding of drugs for 5 days to mice infected with Nematospiroides dubius and Hymenolepis nana, detected all modern anthelmintics examined except stilbazium; simple test using N. spathiger eggs and Nippostrongylus brasiliensis adults to detect anthelmintics in vitro

Cambendazole
Coles, G. C.; and Simpkin, K. G., 1977, Research Vet. Sc., v. 22 (3), 386-387
resistance of normal nematode eggs and eggs of benzimidazole-resistant Haemonchus contortus and Trichostrongylus colubriformis to ovicidal activity of benzimidazoles, observed that eggs from benzimidazole-resistant nematodes are resistant to benzimidazoles, may be useful as simple screen for detecting resistance

Cambendazole (MK-905)
Colglazier, M. L.; Enzie, F. D.; and Kates, K. C., 1977, J. Parasitol., v. 63 (4), 724-727
gastrointestinal parasites of ponies, comparative efficacy of 4 benzimidazoles evaluated by critical test method

Cambendazole
Delatour, P.; et al., 1976, Compt. Rend. Acad. Sc., Paris, v. 282, s. D, (5), 517-518
parbendazole, mebendazole, cambendazole, teratogenic activity on embryos exper. established in rat and mouse, antimitotic properties demonstrated in vivo and in vitro on mouse tumors, implications for use in animals whose flesh or products (eggs, milk) are consumed by man

Cambendazole
Dorchies, P.; and Amalric, M., 1977, Rev. Med. Vet., Toulouse, v. 128 (1), 7-24
gastrointestinal helminths, gastrophilosis, horses, anthelmintics, drug efficacy, review

Cambendazole
Drudge, J. H.; Lyons, E. T.; and Tolliver, S. C., 1975, Am. J. Vet. Research, v. 36 (4), Part 1, 435-439
cambendazole, 3 formulations (suspension, paste, pellet), efficacy against major internal parasites of horses determined by critical testing method

Cambendazole -- Continued.

Cambendazol
Enigk, K.; and Dey-Hazra, A., 1976, Prakt. Tierarzt, v. 57 (4), 232-234
Strongyloides ransomi, prepatent Ascaris suum, experimental infection in swine, Cambendazol in feed, effective treatment

Cambendazole (Camben)
Foix, J., 1977, Rev. Med. Vet., Toulouse, v. 128 (8-9), 1111-1119
Dicrocoelium dendriticum, sheep, cambendazole, good results against flukes as well as gastrointestinal strongyles

Cambendazol
Furmaga, S.; Gundlach, J. L.; and Patyra, J., 1976, Med. Wet., v. 32 (12), 734-737
roundworms, horses, fenbendazol and cambendazol very effective

Cambendazole
Gemmell, M. A.; Johnstone, P. D.; and Oudemans, G., 1977, Research Vet. Sc., v. 23 (1), 115-116
Taenia hydatigena, dogs (exper.), lethal effect of 6 benzimidazoles compared

Cambendazole
Grzywinski, L.; Martynowicz, T.; and Kluczniok, P., 1976, Med. Wet., v. 32 (4), 227-229
Oesophagostomum, Ascaris suum, pigs, Cambendazole effective

Cambendazole
Gupta, R. P., 1973, Indian Vet. J., v. 50 (1), 18-22
Ascaris suum, piglets (exper.), cambendazole, ineffective against migratory larvae

Cambendazole
Herlich, H., 1976, Vet. Parasitol., v. 2 (4), 377-383
Trichostrongylus axei, T. colubriformis, rabbits, efficacy of 8 anthelmintics at dose rates known to be effective in ruminants, evaluation of this system as preliminary screen for testing potential anthelmintics

Cambendazole (Bonlam)
Horak, I. G.; Honer, M. R.; and Schroeder, J., 1976, J. South African Vet. Ass., v. 47 (4), 247-251
helminths and Oestrus ovis, merino sheep, treated at four-weekly intervals or strategically, live mass gains, wool production and fecal worm egg counts, compared with untreated controls: Eastern Transvaal Highveld

Cambendazole
Horak, I. G.; and Snijders, A. J., 1975, J. South African Vet. Ass., v. 46 (3), 271-272
cambendazole, Moniezia spp., Avitellina centripunctata, lambs, drug efficacy, good results: Vrede district, Orange Free State

Cambendazole -- Continued.

Cambendazol (MK 905)
Laemmler, G.; and Gruener, D., 1976, Berl. u. Munchen. Tierarztl. Wchnschr., v. 89 (11), 222-225; (12), 229-233
Capillaria hepatica in Mastomys natalensis, comparative activity of 24 anthelmintics, possible model screening system

Cambendazole (MK 905)
Laemmler, G.; and Wolf, E., 1977, Tropenmed. u. Parasitol., v. 28 (2), 205-225
Litomosoides carinii in Mastomys natalensis (exper.), 17 anthelmintics and chemotherapeutics comparatively tested for their chemoprophylactic activity against various larval stages of the parasites

Cambendazole
Leland, S. E., jr.; et al., 1975, Am. J. Vet. Research, v. 36 (4), Part 1, 449-456
Cooperia punctata, in vitro-grown parasitic stages, evaluation of 28 anthelmintics using presumptive and confirmatory tests, comparison of in vitro potency with established in vivo activity against Cooperia and various other parasites, potential usefulness as preliminary screening method

Cambendazole
Lyons, E. T.; Drudge, J. H.; and Tolliver, S. C., 1977, Am. J. Vet. Research, v. 38 (6), 889-892
Strongyloides westeri, foals (exper.), prepatent period, efficacy of cambendazole and thiabendazole against 3rd stage larvae in milk of nursing mares during postpartum period, good results with cambendazole

Cambendazole
Manger, B. R., 1976, Parasitology, v. 73 (2), xiii-xiv [Abstract]
Nematospiroides dubius, mice, anthelmintic-terminated immunizing infections (Cambendazole selected as most active), variation in degree of protection between host strains, timing of termination of immunizing infection indicated exsheathment per se not essential in production of resistance, protection could not be transferred with serum alone

Cambendazole
Marti, O.G.; Fincher, G.T.; and Stewart, T.B., 1977, Vet. Parasitol., v. 3 (1), 89-93
Stephanurus dentatus, sows, cambendazole temporarily reduced hatchability but not production of eggs, not effective against adults, higher dosages should be evaluated

Cambendazole (Noviben)
Mason, P. C., 1977, N. Zealand Agric. Sc., v. 11 (4), 182-183
high worm burdens of gastrointestinal nematodes in red deer during 1975 survey; low worm burdens in both treated (levamisole, cambendazole) and untreated deer during 1976 control project, concluded that climatic conditions were suitable for larval development in 1975 but not in 1976; recommendations for future parasite control: Invermay Farm, New Zealand

Cambendazole -- Continued.

Cambendazole
Muller, R., 1976, Pathophysiol. Parasit. Infect., 133-147
Dracunculus medinensis in rhesus monkeys, pathological processes associated with emergence of female worms, chemotherapy (some drugs had no effect on pre-emergent worms but markedly reduced host tissue reaction thus allowing easier extraction)

Cambendazole
Presidente, P. J. A.; Knapp, S. E.; and Dean, R. E., 1973, J. Wildlife Dis., v. 9 (1), 34-40
Dictyocaulus viviparus, captive Odocoileus hemionus columbianus fawns, treatment with cambendazole vs. levamisole hydrochloride, survival and infectivity of larvae on contaminated pasture

Cambendazole
Rahman, M. S.; and Bryant, C., 1977, Internat. J. Parasitol., v. 7 (5), 403-409
Moniezia expansa, effects of mebendazole and cambendazole on respiratory metabolism

Cambendazole
Romanowski, R. D.; et al., 1975, J. Parasitol., v. 61 (4), 777-778
Haemonchus contortus, cambendazole-resistant vs. -sensitive strains, effect on fumarate reductase of cambendazole, thiabendazole, and levamisole

Cambendazole
Rubin, R., 1972, Am. J. Vet. Research, v. 33 (2), 425-426
Dictyocaulus viviparus, cattle (exper.), efficacy of cambendazole

Cambendazole
Scott, P., 1977, N. Zealand Vet. J., v. 25 (12), 373-378
detailed review of some modern equine anthelmintics, efficacy and safety

Cambendazole
Sibalic, S.; et al., 1976, Vet. Glasnik, v. 30 (7), 613-617
Ascaris suum, piglets (exper.), cambendazole most effective against migrating larvae when given 14 days after infection

Cambendazole
Slocombe, J. O. D.; and Cote, J. F., 1977, Canad. Vet. J., v. 18 (8), 212-217
small strongyles, horses, cross resistance to cambendazole, thiabendazole, and mebendazole, susceptibility to non-benzimidazole compounds

Cambendazole
Spaldonova, R.; and Corba, J., 1977, Biologia, Bratislava, s. B, Zool. (4), v. 32 (11), 855-860
Trichinella spiralis, intestinal stages, mice, efficacy of cambendazole, decreases as worms mature, females more susceptible

Cambendazole -- Continued.

Cambendazole
Taffs, L. F., 1976, Brit. Vet. J., v. 132 (1), 105-111
cambendazole, little or no effect against 10-day-old Hyostrongylus rubidus or Oesophagostomum spp. larvae when given to pigs at oral dose rates of 15, 20, and 25 mg/kg bodyweight

Cambendazole
Tager-Kagan, P., 1976, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 29 (4), 317-321
gastro-intestinal nematodes, zebu cattle (1 to 2 years old), cambendazole: Niger

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Camolar. See Cycloguanil.

Camoquin. See Amodiaquin.

Canesten. See Clotrimazole.

Canex. See Rotenone.

Canolene. See Benzene hexachloride, Gamma or Rotenone.

Caparsolate. See Arsenamide.

Caparsolate sodium. See Arsenamide.

Carbadox -- Mecadox; Methyl-3-(2-quinoxalinylmethylene) carbazate-N-N-dioxide.

Mecadox (Carbadox)
Suteu, E.; Baba, A. I.; and Toader, S., 1976, Zentralbl. Bakteriol., 2. Abt., v. 131 (8), 760-766
Giardia muris, Trichomonas muris, mice, comparative therapeutic value of metronidazol and mecadox

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Carbamates
Cottereau, Ph., 1976, Rev. Med. Vet., Toulouse, v. 127 (4), 575-576, 579-586
parasitic diseases, calves, prophylaxis using food and sanitary preparations, levamisole chlorhydrate for internal helminths, carbamates or organophosphorus compounds for scabies, economical in large fattening farms

Carbamult
Rawlins, S. C.; and Mansingh, A., 1977, PANS, v. 23 (2), 137-142
Boophilus microplus, Jamaican strain, susceptibility to 35 acaricides, carbamates more effective than organophosphates or formamidines, chlorinated hydrocarbons least effective, comparison of resistance pattern with susceptible and resistant Australian strains

Carbanolate + Dichlorvos aerosol
Ahrens, E. H.; et al., 1977, J. Econom. Entom., v. 70 (5), 581-585
Amblyomma maculatum, cattle, field trials to evaluate effectiveness of insecticide-impregnated ear tags, ear bands, neck bands, and asphalt-base aerosols, prevention of screwworm infestations by controlling ticks

Carbarsone
Entner, N.; and Grollman, A. P., 1973, J. Protozool., v. 20 (1), 160-163
Entamoeba histolytica, effect of amebicidal agents on protein synthesis, correlation of drug structural characteristics with biologic activity, implications for designing drugs with increased margin of selective toxicity for parasite vs. host

Carbarsone
Lee, J. C., 1972, Nettai Igaku (Trop. Med.), v. 14 (2), 97-110
Trichomonas vaginalis, in vitro growth inhibiting effects of 8 antitrichomonal drugs; therapeutic effects of trichomycin, piperanitrozole, metronidazole and nimorazole against abscess formation in mice (exper.)

Carbaryl -- Carbaryl dust; N-Methyl-1-naphthyl-carbamate; N-Methyl-1-naphtyl-carbamate; 1-Naphthyl-N-methylcarbamate; Purina Poultry Dust (with Sulfur); Sevin.

Carbaryl
Ambrosi, M.; and Flores, G., 1972, Atti Soc. Ital. Sc. Vet., v. 26, 508-509
Dermanyssus gallinae, chickens, economic losses, reduced egg production and chick embryo deaths, importance of sanitation, effective control with carbaryl

Sevin
Blasco Sabio, C.; and Portus Vinyeta, M., 1974, Rev. Iber. Parasitol., v. 34 (1-2), 33-47
Sternostoma tracheacolum, description, finding in Spanish canaries, treatment with Sevin in food, clinical aspects

Carbaryl
Blume, R. R.; Matter, J. J.; and Eschle, J. L., 1973, J. Med. Entom., v. 10 (6), 596-598
Haematobia irritans, horses, laboratory evaluation of five insecticides, large-cage technique

Sevin
Gladenko, I. M.; et al., 1975, Veterinariia, Kiev (42), 102-107
R[hipicephalus] bursa, H[yalomma] plumbeum, sheep treated with dip in trolene, sevin or dicresyl, tick control, no effect on sheep

Carbaryl -- Continued.

Carbaryl dust (Sevin)
Keh, B.; and Hawthorne, R. M., 1977, J. Zoo Animal Med., v. 8 (4), 19-24
Hippobosca longipennis on imported Acinonyx jubatus, attempted control with various insecticidal dusts, good results and complete eradication with carbaryl + sulfur; importance of detecting and eliminating future foci of imported H. longipennis: San Pasqual Wild Animal Park, California, imported from East Africa

Carbaryl + Sulfur (= Purina Poultry Dust)
Keh, B.; and Hawthorne, R. M., 1977, J. Zoo Animal Med., v. 8 (4), 19-24
Hippobosca longipennis on imported Acinonyx jubatus, attempted control with various insecticidal dusts, good results and complete eradication with carbaryl + sulfur; importance of detecting and eliminating future foci of imported H. longipennis: San Pasqual Wild Animal Park, California, imported from East Africa

Carbaryl
Kigaye, M. K.; and Matthysse, J. G., 1973, Bull. Epizoot. Dis. Africa, v. 21 (4), 429-435
Rhipicephalus sanguineus, technique for testing acaricide (carbaryl and malathion) susceptibility with disposable pipette, can be used for monitoring development of tick resistance

Sevin
Maldonado Capriles, J.; and Miro Mercado, J., 1977, J. Agric. Univ. Puerto Rico, v. 61 (3), 400-401
Ornithonyssus sylvarium, chickens (feathers), malathion, sevin, coral, good results after three consecutive treatments with coral: Adjuntas, Barrio Guayabo Dulce, Puerto Rico

Sevin + Trolene
Malinin, O. O.; and Shuliak, V. D., 1975, Veterinariia, Kiev (42), 107-109
R[hipicephalus] bursa, H[yalomma] plumbeum, sheep treated with combination of sevin and trolene, good tick control, no negative effect on sheep (various blood values monitored)

Carbaryl
Matthewson, M. D.; Wilson, R. G.; and Hammant, C. A., 1976, Bull. Entom. Research, v. 66 (4), 553-560
Boophilus decoloratus, resistance of 8 strains to organophosphorus and carbamate ixodicides, comparison with Berlin strain of B. decoloratus and Biarra strain of B. microplus: Rhodesia

Carbaryl (Sevin)
Miller, J. E.; Baker, N. F.; and Colburn, E. L., jr., 1977, Am. J. Vet. Research, v. 38 (7), 923-925
Ctenocephalides felis, dogs, propoxur- and carbaryl-impregnated flea collars, good control

Carbaryl -- Continued.

Sevin
Nayar, M. A.; and Isa, J. F. W., 1973, Bull. Epizoot. Dis. Africa, v. 21 (2), 153-157
Rhipicephalus evertsi and Amblyomma variegatum larvae, highly effective

Carbaryl
Rawlins, S. C.; and Mansingh, A., 1977, J. Econom. Entom., v. 70 (6), 697-698
Boophilus microplus, Amblyomma cajennense, and Anocentor nitens, susceptibility of Jamaican strains to various acaricides

Carbaryl (Sevin)
Rawlins, S. C.; and Mansingh, A., 1977, PANS, v. 23 (2), 137-142
Boophilus microplus, Jamaican strain, susceptibility to 35 acaricides, carbamates more effective than organophosphates or formamidines, chlorinated hydrocarbons least effective, comparison of resistance pattern with susceptible and resistant Australian strains

Carbaryl
Roulston, W. J.; et al., 1977, Austral. J. Agric. Research, v. 28 (2), 345-354
Boophilus microplus, characterization of three strains of organophosphorus-resistant cattle ticks, resistance to organophosphorus and carbamate acaricides: Bajool, Tully, and Ingham, northern Queensland

Carbaryl
Schuntner, C. A.; Roulston, W. J.; and Wharton, R. H., 1974, Nature (5455), v. 249, 386
Boophilus microplus, Biarra strain, cattle, carbaryl, piperonyl butoxide, alone or in combination, results show that piperonyl butoxide alone is lethal to all stages of tick when used at relatively high concentrations and that it restores full effectiveness to carbaryl against carbaryl-resistant strain of tick

Carbaryl + Piperonyl butoxide
Schuntner, C. A.; Roulston, W. J.; and Wharton, R. H., 1974, Nature (5455), v. 249, 386
Boophilus microplus, Biarra strain, cattle, carbaryl, piperonyl butoxide, alone or in combination, results show that piperonyl butoxide alone is lethal to all stages of tick when used at relatively high concentrations and that it restores full effectiveness to carbaryl against carbaryl-resistant strain of tick

Carbaryl
Stone, B. F.; Wilson, J. T.; and Youlton, N. J., 1976, Austral. J. Biol. Sc., v. 29 (3), 251-263
Boophilus microplus, 3 strains, linkage and dominance characteristics of genes for resistance to organophosphorus acaricides and allelic inheritance of decreased brain cholinesterase activity

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Carbaryl dust. See Carbaryl.

Carbidium sulfate
Schlemper, B. R., jr.; Chiari, E.; and Brener, Z., 1977, J. Protozool., v. 24 (4), 544-547
Trypanosoma cruzi, 48-hr drug screening test based on inhibition of exponential growth of culture forms as evaluated by cell counter, comparison with data from treating inoculated mice, advantages of in vitro method; culture forms not suitable for screening additives to prevent T. cruzi transmission by banked blood

Carbolic acid. See Phenol.

Carbomycin
Dixon, H., 1974, J. Protozool., v. 21 (3), 450 [Abstract]
Crithidia fasciculata, effect of inhibitors of bacterial protein synthesis

Carbon disulfide -- CS_2; Equinan (with Phenothiazine and Piperazine); Lysococ; Parvex (with Piperazine); Parvex Plus (with Phenothiazine and Piperazine); Picadex (with Piperazine); Piperazine carbodithioic acid (with Piperazine); Thiprazole (with Piperazine and Thiabendazole); Thiprazole weaner wormer (with Picadex and Thiabendazole).

Picadex + Thiabendazole (= Thiprazole weaner wormer)
Baines, D. M.; Dalton, S. E.; and Eichler, D. A., 1976, Vet. Rec., v. 99 (7), 119-122
swine nematodes, field and exper. studies, thiophanate alone or with piperazine, compared with thiabendazole alone or with picadex

Carbon disulfide
Drudge, J. H.; Lyons, E. T.; and Tolliver, S. C., 1975, Am. J. Vet. Research, v. 36 (3), 251-253
Gasterophilus intestinalis, G. nasalis, oral stages in horses and ponies (nat. and exper.), activity of several organophosphorus compounds in various formulations and levamisole-piperazine mixture

Lysococ
El-Moukdad, A. R., 1976, Wien. Tierarztl. Monatsschr., v. 63 (12), 399-405
Eimeria necatrix, E. acervulina, E. tenella, chickens, effect of various disinfectants on oocyst development

Lysococ
El-Moukdad, A. R., 1977, Wien Tierarztl. Monatsschr., v. 64 (3), 85-91
effect of disinfectants on nematode eggs and coccidia oocysts

Carbon disulfide (CS_2)
Leland, S. E., jr.; et al., 1975, Am. J. Vet. Research, v. 36 (4), Part 1, 449-456
Cooperia punctata, in vitro-grown parasitic stages, evaluation of 28 anthelmintics using presumptive and confirmatory tests, comparison of in vitro potency with established in vivo activity against Cooperia and various other parasites, potential usefulness as preliminary screening method

Carbon disulfide -- Continued.

Carbon disulfide-Piperazine (Parvex)
Leland, S. E., jr.; et al., 1975, Am. J. Vet. Research, v. 36 (4), Part 1, 449-456
Cooperia punctata, in vitro-grown parasitic stages, evaluation of 28 anthelmintics using presumptive and confirmatory tests, comparison of in vitro potency with established in vivo activity against Cooperia and various other parasites, potential usefulness as preliminary screening method

[Carbon disulfide-]Piperazine + Thiabendazole (= Thiprazole)
Lim, C., 1973, Singapore J. Primary Indust., v. 1 (2), 75-86
alimentary and respiratory tract parasites, pigs (feces), incidence in 3 age groups, intensity of infection, clinical findings, treatment
(Strongyloides; Metastrongylus; Trichuris; Coccidia; Spirurid[a sp.]; Oesophagostomum spp.; Balantidium; Ascaris; Gnathostoma): ten Singapore Veterinary Extension Centres

Carbon disulphide-Piperazine + Phenothiazine (=Parvex Plus; Equinan)
Slocombe, J. O. D.; and Cote, J. F., 1977, Canad. Vet. J., v. 18 (8), 212-217
small strongyles, horses, cross resistance to cambendazole, thiabendazole, and mebendazole, susceptibility to non-benzimidazole compounds

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Carbon tetrachloride
Ahluwalia, J. S.; and Singh, A. N., 1975, Current Sc., Bangalore, v. 44 (24), 907-908
Cotylophoron sp.; Gastrothylax sp., sheep, clinical symptoms, carbon tetrachloride + hexachloroethane, carbon tetrachloride + hexachlorophene, good results; carbon tetrachloride alone per os, not very effective: Bihar

Carbon tetrachloride + Hexachloroethane
Ahluwalia, J. S.; and Singh, A. N., 1975, Current Sc., Bangalore, v. 44 (24), 907-908
Cotylophoron sp.; Gastrothylax sp., sheep, clinical symptoms, carbon tetrachloride + hexachloroethane, carbon tetrachloride + hexachlorophene, good results; carbon tetrachloride alone per os, not very effective: Bihar

Carbon tetrachloride + Hexachlorophene
Ahluwalia, J. S.; and Singh, A. N., 1975, Current Sc., Bangalore, v. 44 (24), 907-908
Cotylophoron sp.; Gastrothylax sp., sheep, clinical symptoms, carbon tetrachloride + hexachloroethane, carbon tetrachloride + hexachlorophene, good results; carbon tetrachloride alone per os, not very effective: Bihar

Carbon tetrachloride
Ahluwalia, J. S.; Sinha, B. K.; and Singh, A. N., 1976, Indian Vet. J., v. 53 (9), 723-724
amphistomiasis, cattle, carbon tetrachloride intramuscularly, hexachlorophene orally, good results: Muzaffarpur district, North Bihar

Carbon tetrachloride
Anwer, M. S.; et al., 1976, Research Vet. Sc., v. 20 (2), 127-130
plasma bile acid elevation following carbon tetrachloride-induced liver damage in dogs, sheep, calves, ponies

Carbon tetrachloride
Bartlet, A. L., 1976, Brit. J. Pharmacol., v. 58 (3), 395-400
Fasciola hepatica in vitro, spasmogenic action of carbon tetrachloride and hexachloroethane compared with that of chloroform, pentachloroethane and tetrachloroethylene

Carbon tetrachloride
Hope Cawdery, M. J., 1976, Brit. Vet. J., v. 132 (6), 568-575
Fasciola hepatica, ewes, inverse relationship, fascioliasis mortality and pregnancy rate, increased pregnancy rate following treatment

Carbon tetrachloride
Isenbuegel, E., 1976, Prakt. Tierarzt , v. 57, Sondernummer, 21-27
Gongylonema, Physaloptera, hedgehogs

Carbon tetrachloride
Michalek, A.; and Vodrazka, J., 1977, Veterinaria, Praha, v. 19 (1-2), 13-27
fascioliasis, lactic dehydrogenase isoenzyme activity in blood of sheep after administration of fasciolicides to measure effect on liver

Carbon tetrachloride
Pushpendran, C. K.; Shenoy, B. V.; and Eapen, J., 1976, Indian J. Exper. Biol., v. 14 (4), 421-423
carbon tetrachloride toxicity, mice

Carbon tetrachloride
Rao, V. N.; and Rao, K. N. P., 1977, Livestock Advis., v. 2 (8), 13-15
toxicity of some anthelmintics (carbon tetrachloride, phenothiazine, hexachloroethane, piperazine), preventive measures

Carbon tetrachloride
Rusch, K., 1966, Bol. Chileno Parasitol., v. 21 (4), 130-132
Sarcoptes scabiei, severe debilitating sarcoptic mange in Lama lama successfully treated with neguvon, associated infections of Fasciola hepatica responded to carbon tetrachloride therapy, clinical case report: experimental breeding farm, Chile

Carbon tetrachloride
Scott, J. M.; and Goll, P. H., 1977, Brit. Vet. J., v. 133 (3), 273-280
Fasciola hepatica, seasonal availability of metacercariae on pasture studied using parasite-free tracer lambs; anthelmintic trials with carbon tetrachloride, oxyclozanide, and rafoxanide: Ethiopian Central Highlands

Carbon tetrachloride (Saguaypicida)
Zaldivar, R.; et al., 1972, Rev. Invest. Pecuarias, v. 1 (2), 185-194
Parbendazole, carbon tetrachloride, Delnav, sheep, compatible, non-toxic

Carbonyl cyanide m-chlorophenylhydrazone
Saz, H. J.; and Lescure, O. L., 1968, Molec. Pharm., v. 4 (4), 407-410
Ascaris lumbricoides var. suis, inhibition by anticestodal agents of mitochondrial ^{32}P-ATP exchange reaction, indicates that selective toxicity of these compounds for cestodes is a result of differences in permeability between these two groups of helminths

Carbophenothion
Matthewson, M. D.; Wilson, R. G.; and Hammant, C. A., 1976, Bull. Entom. Research, v. 66 (4), 553-560
Boophilus decoloratus, resistance of 8 strains to organophosphorus and carbamate ixodicides, comparison with Berlin strain of B. decoloratus and Biarra strain of B. microplus: Rhodesia

Carica papaya
Lal, Jawahar; et al., 1976, Indian J. Physiol. and Pharmacol., v. 20 (2), 64-68
Ascaridia galli, in vitro anthelmintic activity of 10 medicinal plants, comparison with piperazine hexahydrate

Caricide. See Diethylcarbamazine.

Caritrol. See Diethylcarbamazine.

Carnidazol (Spartrix)
Hauser, K. W., 1976, Prakt. Tierarzt , v. 57, Sondernummer, 20-21
trichomoniasis of pigeons, successful treatment with Carnidazol

Castor oil, crude
Lal, J.; et al., 1976, Indian Vet. J., v. 53 (7), 543-545
Sarcoptes scabiei, sheep, Cedrus deodara oil more efficacious than benzyl benzoate and tetraethylthiuram monosulphide in comparative trials

Castrix. See Crimidine.

Cedrus deodara
Lal, J.; et al., 1976, Indian J. Physiol. and Pharmacol., v. 20 (2), 64-68
Ascaridia galli, in vitro anthelmintic activity of 10 medicinal plants, comparison with piperazine hexahydrate

Cedrus deodara oil
Lal, J.; et al., 1976, Indian Vet. J., v. 53 (7), 543-545
Sarcoptes scabiei, sheep, Cedrus deodara oil more efficacious than benzyl benzoate and tetraethylthiuram monosulphide

Certuna. See Cyanoacetic acid hydrazide.

Cestodin. See Tin.

Cetrimide. See Cetrimonium bromide.

Cetrimonium bromide -- Cetrimide; Savlon (with Chlorhexidine).

Cetrimide + Chlorhexidine digluconate (= Savlon)
Agrawal, M. C.; and Dutt, S. C., 1977, Indian Vet. J., v. 54 (1), 77-79
Stephanofilaria zaheeri, buffaloes, in vitro and in vivo drug trials, high efficacy with malathion: Jabalpur

Chemosterilants
Crystal, M. M., 1972, J. Med. Entom., v. 9 (6), 509-510
Cochliomyia hominivorax, chemosterilization by immersion in N,N'-tetramethylenebis (1-aziridinecarboxamide), susceptibility changed with time of day of treatment, permanence of sterility, effect on survival

Chemosterilants
Crystal, M. M.; and Ramirez, R., 1975, J. Med. Entom., v. 12 (4), 423-425
Cochliomyia hominovorax, males and females, chemosterilization with N,N'tetramethylenebis (1-aziridinecarboxamide), less chemosterilant required with increasing age, survival per given dose independent of age when treated

Chenopodium oil
Tjoa Tjhoeng Kie; et al., 1970, Paediat. Indonesiana, v. 10 (5), 179-189
human ancylostomiasis, poor treatment results with both alcopar and chenopodium oil: North Sumatra

Chinosol. See 8-Hydroxyquinoline.

Chloquinate -- Resotren.

Resotren
Devic, J.; and Dosen, H., 1974, Med. Pregl., v. 27 (1-2), 79-83
human intestinal amoebiasis, clinical trials comparing 2-dehydroemetine with resotren in treatment: Yugoslavia

Chloramine. See Chloramine-T.

Chloramine-T -- Chloramine; Halamid; (N-Chloro-p-toluene sulfonamido) sodium.

Chloramine
Skladzien-Bielatowicz, D., 1974, Roczniki Nauk. Zootech., v. 1, 17-23
Nosema bombycis, silkworm parasite, chloramine to kill spores, poor results

Halamid
Wikerhauser, T., 1977, Bull. Acad. Vet. France, v. 50 (2), 233-236
Taenia saginata, control by disinfecting premises and ensilage and grass from infected pastures with halamid as ovicide; chemotherapy and vaccination are presently impractical forms of control

Chloramphenicol
Bradley, R. L., 1976, Vet. Med. and Small Animal Clin., v. 71 (9), 1233-1234
Haemobartonella felis, feline infectious anemia, mixed with leukemia virus, chloramphenicol, tetracycline, fair results

Chloramphenicol
Delaitre, J. L., 1976, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 29 (2), 115-117
Haemobartonella felis, case reports, tetracycline, chloramphenicol
chats: Tchad

Chloramphenicol
Dixon, H., 1974, J. Protozool., v. 21 (3), 450 [Abstract]
Crithidia fasciculata, effect of inhibitors of bacterial protein synthesis

Chloramphenicol
Entner, N.; and Grollman, A. P., 1973, J. Protozool., v. 20 (1), 160-163
Entamoeba histolytica, effect of amebicidal agents on protein synthesis, correlation of drug structural characteristics with biologic activity, implications for designing drugs with increased margin of selective toxicity for parasite vs. host

Chloramphenicol
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

Chloramphenicol
Ryley, J. F.; and Wilson, R. G., 1976, Parasitology, v. 73 (3), 287-309
Eimeria tenella, features of anticoccidial activity of 9 older anticoccidials re-investigated both in vivo and in cell culture, methodology discussed in relation to more active and more recent anticoccidials, further experiments with robenidine reported

Chloramphenicol (Chlorplon)
Sharma, S. K.; Banerjee, D. P.; and Gautam, O. P., 1977, Ann. Recherches Vet., v. 8 (3), 307-313
Anaplasma marginale, cattle (exper.), dithiosemicarbazone (in combination with oxytetracycline), chloramphenicol and rolitetracycline very efficacious in bringing about clinical recovery and elimination of carrier status, imidocarb could not completely eliminate organisms, gentamicin sulphate ineffective

Chloramphenicol
Sherman, I. W., 1974, J. Protozool., v. 21 (3), 452 [Abstract]
Plasmodium knowlesi cell-free system, requirements for optimum protein synthesis, effect of various drugs

Chloramphenicol
Sherman, I. W., 1976, Comp. Biochem. and Physiol., v. 53 (4B), 447-450
Plasmodium knowlesi ribosomes, development of highly active cell-free protein synthesizing system, use in assaying antimalarials

Chloramphenicol
Sherman, I. W.; and Jones, L. A., 1976, J. Protozool., v. 23 (2), 277-281
Plasmodium lophurae, reliable procedure for isolation of active ribosomes, optimal requirements for in vitro synthesis of proteins, effects of variety of drugs on duck reticulocyte and plasmodial ribosomes in cell-free protein-synthesizing systems (restricted selectivity not obtained)

Chloramphenicol
Wagner, K. P.; and Krassner, S. M., 1976, Exper. Parasitol., v. 39 (2), 222-233
Leishmania tarentolae promastigotes, replica-plating techniques, isolation of stable mutant strains resistant to chloramphenicol, isolation of cell lines stress-adapted to streptomycin and to high culture temperatures, factors influencing resistance, mode of action of chloramphenicol (inhibition of protein synthesis and proline oxidation)

Chloramphenicol
Warhurst, D. C.; Homewood, C. A.; and Baggaley, V. C., 1974, Ann. Trop. Med. and Parasitol., v. 68 (3), 265-281
Plasmodium berghei, erythrocytic forms in vitro, technique for study of autophagic vacuole formation (pigment clumping), effect of chloroquine alone or with various cytotoxic drugs

Chloramphenicol (Chloromycetin)
Zierdt, C. H.; and Tan, H., 1976, Exper. Parasitol., v. 39 (3), 422-430
Blastocystis hominis, 8 axenically grown strains, presence of intracellular bacteria-like spheres and rods, direct relationship between increasing endosymbiont numbers and increasing B. hominis cell size, effect of 3 antibiotics on B. hominis and its endosymbiont

p-Chlorbenzosulphonate N-β-(2-acetyl-4-chlorphenoxy) ethyl-N,N-dimethyl-N-benzylammonium. See Bemosate.

Chlorbetamide -- Mantomide.

Mantomide
Entner, N.; and Grollman, A. P., 1973, J. Protozool., v. 20 (1), 160-163
Entamoeba histolytica, effect of amebicidal agents on protein synthesis, correlation of drug structural characteristics with biologic activity, implications for designing drugs with increased margin of selective toxicity for parasite vs. host

Chlordantoin
Lee, J. C., 1972, Nettai Igaku (Trop. Med.), v. 14 (2), 97-110
Trichomonas vaginalis, in vitro growth-inhibiting effects of 8 antitrichomonal drugs; therapeutic effects of trichomycin, piperanitrozole, metronidazole and nimorazole against abscess formation in mice (exper.)

Chlordimeform. See Chlorphenamidine.

Chlorfenvinphos -- 2-Chloro-1-(2,4-dichlorophenyl) vinyl diethyl; 2-Chloro-1-(2,4-dichlorophenyl) vinyl diethyl phosphate; Compound 4072; Supona; Supona-20; Tixol (with Gamma BHC); Pfizona.

2-Chloro-1(2,4-dichlorophenyl) vinyl diethyl (Supona-20)
Das, P. K.; Tripathy, S. B.; and Misra, S. K., 1977, Indian J. Animal Sc., v. 45 (12), 1975, 949-952
Stephanofilaria zaheeri, buffaloes (ear), histopathology, supona-20, fenitrothian, good results: Orissa

2-Chloro-1-(2,4-dichlorophenyl) vinyl diethyl phosphate (Compound 4072)
Drummond, R. O.; et al., 1976, J. Econom. Entom., v. 69 (1), 37-40
Boophilus annulatus, B. microplus, acaricides, laboratory tests, spray and dip tests with cattle

Pfizona
Esuruoso, G. O., 1977, Bull. Animal Health and Prod. Africa, v. 25 (1), 65-72
Demodex folliculorum var. bovis in exotic and indigenous cattle, incidence, treatment trials (best results with selenium sulphide), constant presence of Staphylococcus aureus in lesions of demodectic mange indicated that it might aid in spread of lesions, immunization with S. aureus resulted in the reduction of mange lesions: southern Nigeria

2-Chloro-1-(2,4-dichlorophenyl) vinyl diethyl phosphate (Compound 4072)
Gladney, W. J., 1976, J. Econom. Entom., v. 69 (6), 757-760
insecticides, field trials in controlled-release devices for control of Amblyomma maculatum and Cochliomyia hominivorax, cattle: northeastern Starr Co., Texas

Chlorfenvinphos (Supona)
Laemmler, G.; and Gruener, D., 1975, Tropenmed. u. Parasitol., v. 26 (3), 359-369
Litomosoides carinii in Mastomys natalensis (exper.), 12 organophosphorus compounds tested for efficacy against micro- and macrofilarial infections

Chlorfenvinphos
Matthewson, M. D.; Wilson, R. G.; and Hammant, C. A., 1976, Bull. Entom. Research, v. 66 (4), 553-560
Boophilus decoloratus, resistance of 8 strains to organophosphorus and carbamate ixodicides, comparison with Berlin strain of B. decoloratus and Biarra strain of B. microplus: Rhodesia

Chlorfenvinphos -- Continued.

Pfizona (Supona)
Mohammed, A. N.; and Leeflang, P., 1975, Samaru Agric. Newsletter, v. 17 (2), 75-77
Hyalomma, cattle, probable vectors of protozoan disease, control with Pfizona spraying, evaluation of past results, recommendations for future: Shika, Nigeria

Chlorfenvinphos + Bromophos-ethyl + Cypermethrin
Nolan, J.; and Bird, P. E., 1977, J. Austral. Entom. Soc., v. 16 (3), 252
Boophilus microplus, organophosphorus-resistant strains, effective control of ticks with addition of small quantities of synthetic pyrethroids to organophosphorus acaricides; coefficients of co-toxicity

Chlorfenvinphos
Palmer, W. A., 1976?, Tech. Bull. (12), Dept. Agric. N. South Wales, 1-12
Boophilus microplus, laboratory bioassay of adults for monitoring field dips for efficiency, results show method unsuitable

Chlorfenvinphos
Rawlins, S. C.; and Mansingh, A., 1977, J. Econom. Entom., v. 70 (6), 697-698
Boophilus microplus, Amblyomma cajennense, and Anocentor nitens, susceptibility of Jamaican strains to various acaricides

Chlorfenvinphos (Supona)
Rawlins, S. C.; and Mansingh, A., 1977, PANS, v. 23 (2), 137-142
Boophilus microplus, Jamaican strain, susceptibility to 35 acaricides, carbamates more effective than organophosphates or formamidines, chlorinated hydrocarbons least effective, comparison of resistance pattern with susceptible and resistant Australian strains

Chlorfenvinphos
Roulston, W. J.; et al., 1977, Austral.J. Agric. Research, v. 28 (2), 345-354
Boophilus microplus, characterization of three strains of organophosphorus-resistant cattle ticks, resistance to organophosphorus and carbamate acaricides: Bajool, Tully and Ingham, northern Queensland

Chlorfenvinphos + Gamma BHC (= Tixol)
Sheahan, B. J.; O'Connor, P. J.; and Kelly, E. P., 1974, Vet. Rec., v. 95 (8), 169-170
Sarcoptes scabiei, pigs, compensatory weight gains following treatment for sarcoptic mange; ears of pigs should be treated during spraying or dipping

Chlorfenvinphos
Stone, B. F.; Wilson, J. T.; and Youlton, N. J., 1976, Austral. J. Biol. Sc., v. 29 (3), 251-263
Boophilus microplus, 3 strains, linkage and dominance characteristics of genes for resistance to organophosphorus acaricides and allelic inheritance of decreased brain cholinesterase rctivity

Chlorguanide -- Chloroguanide; Paludrin; Proguanil; Proguanil hydrochloride.

Proguanil + Dapsone
Black, R. H., 1973, Med. J. Australia, v. 1 (26), 1265-1270
statistical survey of malaria prevalence in Australian army in South Vietnam; successful use of proguanil in conjunction with dapsone for chloroquine-resistant Plasmodium falciparum strain

Proguanil
Black, R. H.; and Ray, A. P., 1977, Ann. Trop. Med. and Parasitol., v. 71 (2), 131-139
Plasmodium berghei-infected mice (exper.), potentiation of therapeutic effects of proguanil and pyrimethamine by dapsone

Proguanil-HCl (Paludrin)
Bruce-Chwatt, L. J., 1976, Munchen. Med. Wchnschr., v. 118 (35), 1097-1107
current recommendations for prophylaxis and control of human malaria

Proguanil
Charters, A. D.; and Davis, R. E., 1974, Med. J. Australia, v. 1 (14), 527-530
statistical review of human malaria infections imported into Western Australia, increasing incidence, drug resistance to commonly used antimalarials in 4 persons

Proguanil hydrochloride
Clyde, D. F.; et al., 1976, J. Trop. Med. and Hyg., v. 79 (2), 38-41
chloroquine-resistant strain of Plasmodium falciparum from Indonesian New Guinea characterized in non-immune volunteers, resistant to most commonly used antimalarials, radical cure produced with mefloquine

Proguanil
Crane, G. G.; Hudson, P.; and Hudson, B. E. T., 1973, Papua N. Guinea Med. J., v. 16 (1), 46-49
significant reduction of symptoms of human tropical splenomegaly syndrome after suppressive doses of antimalarials: Papua New Guinea

Proguanil hydrochloride
Fink, E.; et al., 1973, Prog. Med., Paris, v. 101 (7), 281 [Abstract]
Plasmodium berghei yoelii, mice (exper.), establishment of mean causal prophylactic dose of selected antimalarial and experimental compounds

Chlorguanide
Glew, R. H.; et al., 1974, J. Infect. Dis., v. 129 (4), 385-390
Plasmodium falciparum in young girl, strain with resistance to chloroquine, quinacrine, pyrimethamine, and chlorguanide, radical cure obtained with pyrimethamine and sulfadiazine in combination; delayed primary attack with Plasmodium vivax: Maryland (had traveled and engaged in field work in remote area of eastern Colombia)

Chlorguanide -- Continued.

Proguanil
van der Kaay, H. J.; and Zuidema, P. J., 1976, Nederl. Tijdschr. Geneesk., v. 120 (20), 884-886
human Plasmodium spp., recommendations for malaria prophylaxis during travel to endemic areas

Chloroguanide
Kammerer, W. S.; and Perez-Esandi, M. V., 1975, Am. J. Trop. Med. and Hyg., v. 24 (1), 90-95
chemotherapeutic trials using 8 different drugs unsuccessful in treating exper. Echinococcus granulosus infections in mice and jirds

Chloroguanide
Palmer, R. M. J.; and Weatherall, M., 1977, Brit. J. Pharmacol., v. 59 (3), 472P
anti-malarial drugs, migration of horse leucocytes in vitro, inhibition of migration is specific to neither anti-malarial activity nor chemical structure

Proguanil
Peters, W., 1973, Ann. Trop. Med. and Parasitol., v. 67 (2), 155-167
Plasmodium berghei, different drug-sensitive and -resistant strains, blood schizontocidal action of 3 newer sulphonamides selected for low antibacterial activity, alone or potentiated with pyrimethamine or proguanil

Proguanil HCl
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

Proguanil
Sherman, I. W., 1976, Comp. Biochem. and Physiol., v. 53 (4B), 447-450
Plasmodium knowlesi ribosomes, development of highly active cell-free protein synthesizing system, use in assaying antimalarials

Proguanil
Sherman, I. W.; and Jones, L. A., 1976, J. Protozool., v. 23 (2), 277-281
Plasmodium lophurae, reliable procedure for isolation of active ribosomes, optimal requirements for in vitro synthesis of proteins, effects of variety of drugs on duck reticulocyte and plasmodial ribosomes in cell-free protein-synthesizing systems (restricted selectivity not obtained)

Proguanil
Tin, F.; and Nyunt Hlaing, 1977, Southeast Asian J. Trop. Med. and Pub. Health, v. 8 (1), 104-112
Plasmodium falciparum, humans, proposed new treatment regimens for recently discovered infections resistant to standard doses of chloroquine, pyrimethamine, and proguanil: Burma

Chlorguanide -- Continued.

Chloroguanide
Warner, V. D.; et al., 1976, J. Pharm. Sc., v. 66 (3), 418-419
Plasmodium lophurae, turkeys, synthesis and evaluation of isopropyl [(4-chlorophenyl) amino]iminomethylcarbamimidate, compared with chloroguanide

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Chlorhexidine -- Chlorhexidine digluconate; Savlon (with Cetrimide).

Chlorhexidine digluconate + Cetrimide (= Savlon)
Agrawal, M. C.; and Dutt, S. C., 1977, Indian Vet. J., v. 54 (1), 77-79
Stephanofilaria zaheeri, buffaloes, in vitro and in vivo drug trials, high efficacy with malathion: Jabalpur

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Chlorhexidine digluconate. See Chlorhexidine.

3-Chlor-7-hydroxy-4-methylcumarin bis-(2-chlorethyl) phosphate. See Haloxon.

Chloridine. See Pyrimethamine.

Chloridine analogues
Khromov-Borisov, N. V.; et al., 1976, Farmakol. i Toksikol., v. 39 (3), 341-346
human malaria, analogues of chloridine, properties of chemical structures and molecular conformation that result in teratogenous reactions, possible synthesis to avoid toxic properties

Chlorine
Crook, J. R.; Fulton, S. E.; and Supanwong, K., 1971, Tr. Roy. Soc. Trop. Med. and Hyg., v. 65 (5), 602-605
Angiostrongylus cantonensis, chlorine or iodine treatment of water used for culinary purposes did not completely attenuate larvae shed into the water by drowned Achatina fulica snail vectors, possible source of human infection: Thailand

Chlorine
Hoffman, G. L.; and O'Grodnick, J. J., 1977, J. Fish Biol., v. 10 (2), 175-179
Myxosoma cerebralis, attempts to disinfect contaminated mud by air drying and applying hydrated lime, and contaminated water and mud with chlorine

Chlorine
Laufer, W. E., 1970, Med. Proc., Johannesburg, v. 16 (6), 103-107
decreased hatching of Schistosoma haematobium ova in chlorinated water, comparison trials with acriflavine and lucanthone solutions

Chlormebuform
Rawlins, S. C.; and Mansingh, A., 1977, PANS, v. 23 (2), 137-142
Boophilus microplus, Jamaican strain, susceptibility to 35 acaricides, carbamates more effective than organophosphates or formamidines, chlorinated hydrocarbons least effective, comparison of resistance pattern with susceptible and resistant Australian strains

Chlormethiuron -- 3-(4-Chlor-2-methylphenyl)-2,3-dimethyl-thioron; Chloromethiuron; Dipofene [of Gothe, R.; and Hartig, M., 1976].

Chlormethiuron (Dipofene)
Gothe, R.; and Hartig, M., 1976, Zentralbl. Vet.-Med., Reihe B, v. 23 (3), 243-254
Boophilus microplus, organophosphorus-resistant strains, clenpyrin, chlordimeform, and chlormethiuron active

Chloromethiuron
Palmer, W. A., 1976?, Tech. Bull. (12), Dept. Agric. N. South Wales, 1-12
Boophilus microplus, laboratory bioassay of adults for monitoring field dips for efficiency, results show method unsuitable

Chloromethiuron
Roulston, W. J.; et al., 1977, Austral. J. Agric. Research, v. 28 (2), 345-354
Boophilus microplus, characterization of three strains of organophosphorus-resistant cattle ticks, resistance to organophosphorus and carbamate acaricides: Bajool, Tully and Ingham, northern Queensland

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Chlormethoxyacridyl-amino-diethylaminopropanol-dihydrochloride. See Acranil.

N' (4-Chlor-2-methyl-phenyl)-N-(n) butyl-formamidine. See Ektomin.

N-(4-Chlor-2-methylphenyl)-N',N'-dimethylformamidine. See Chlorphenamidine.

3-(4-Chlor-2-methylphenyl)-2,3-dimethyl-thioron. See Chlormethiuron.

n-(2'-Chlor-4'-nitrophenyl)-5-chlorsalicylamide. See Niclosamide.

4-Chlorobenzaldehyde 1-(4-chlorophenyl)-4(1H)-pyridinylidene hydrazone fluorosulfonate
Douglas, A. W.; et al., 1977, J. Med. Chem., v. 20 (7), 939-943
4-chlorobenzaldehyde 1-(4-chlorophenyl)-4(1H)-pyridinylidene hydrazone fluorosulfonate, broad-spectrum anticoccidial activity in chickens, action similar to that of robenidine in laboratory trials with E[imeria] tenella and E[imeria] acervulina; robenidine-resistant E[imeria] tenella strain also resistant to new compound

m-Chlorobenzhydroxamic acid (m-CLAM)
Evans, D. A.; and Brown, R. C., 1973, J. Protozool., v. 20 (1), 157-160
Trypanosoma brucei bloodstream and culture forms, inhibition of cyanide-insensitive respiration by m-chlorobenzhydroxamic acid, cyanide-sensitive respiration of culture forms not affected, possible importance as trypanocidal drug, implications for mechanism of terminal respiration

m-Chlorobenzhydroxamic acid
Evans, D. A.; and Brown, R. C., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (2), 258 [Abstract]
Trypanosoma brucei, inhibition of cyanide-insensitive respiration of both bloodstream and culture forms by m-chlorobenzhydroxamic acid

10-(3-Chlorobenzyl)-7,8-dimethylisoalloxazine
Graham, D. W.; et al., 1977, Experientia, v. 33 (10), 1274-1276
Eimeria tenella, E. acervulina, anticoccidial activity of riboflavine antagonists

6-Chloro-7-bromo febrifugine. See Halofuginone.

Chlorochin. See Chloroquine.

3'-Chloro-4' (4-chloro-phenoxy)-3,5-diiodosalicylanilide. See Rafoxanide.

Chloro-coumarin-thiophosphate. See Coumaphos.

2-Chloro-1-(2,4-dichlorophenyl) vinyl diethyl. See Chlorfenvinphos.

2-Chloro-1-(2,4-dichlorophenyl) vinyl diethyl phosphate. See Chlorfenvinphos.

2-Chloro-1-(2,4-dichlorophenyl) vinyl ethyl methyl phosphate (Shell SD-8713)
Drummond, R. O.; et al., 1976, J. Econom. Entom., v. 69 (1), 37-40
Boophilus annulatus, B. microplus, acaricides, laboratory tests, spray and dip tests with cattle

8-Chloro-2-[(diethylamino)ethyl]-2H-[1]-benzothiopyrano[4,3,2-cd]-indazole-5-methanol monomethane-sulfonate -- IA-4; IA-4 N-oxide.

IA-4
Haese, W. H.; and Bueding, E., 1976, J. Pharmacol. and Exper. Therap., v. 197 (3), 703-713
Schistosoma mansoni, mice, hycanthone treatment induces hepatocellular carcinomas, micronodular hepatocellular whirling lesions with increased basophilia, precancerous nodules, no such changes induced by IA-4 or oxamniquine

8-Chloro-2-[(diethylamino)ethyl]-2H-[1]-benzothiopyrano[4,3,2-cd]-indazole-5-methanol monomethane-sulfonate -- Continued.

IA-4 N-oxide
Reid, W. A.; Loizeaux, P. S.; and Reardon, M. J., 1977, Am. J. Trop. Med. and Hyg., v. 26 (5, part 1), 937-943
Schistosoma mansoni in Macaca mulatta (exper.), evaluation of prophylactic and therapeutic efficacies of IA-4 N-oxide using both oral and intramuscular routes; compound most effective for therapeutic use

IA-4
Tomosky-Sykes, T. K.; and Bueding, E., 1977, J. Parasitol., v. 63 (2), 259-266
Schistosoma mansoni, hycanthone effects on muscular activity and neurotransmitter systems cannot be related to mode of antischistosomal action of this drug, effects occur after hepatic shift, are not demonstrable with antischistosomal analogs of hycanthone, and are also elicited in hycanthone-resistant worms; histochemical observatibns with dansylated compounds

IA-4 N-oxide
Tomosky-Sykes, T. K.; and Bueding, E., 1977, J. Parasitol., v. 63 (2), 259-266
Schistosoma mansoni, hycanthone effects on muscular activity and neurotransmitter systems cannot be related to mode of antischistosomal action of this drug, effects occur after hepatic shift, are not demonstrable with antischistosomal analogs of hycanthone, and are also elicited in hycanthone-resistant worms; histochemical observations with dansylated compounds

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6-Chloro-9-[4-(diethylamino)-1-methylbutyl]amino-2 methoxyacridine dihydrochloride. See Quinacrine.

7-Chloro-4 (3'-diethylamino methyl-4'-hydroxyanilino) quinoline. See Amodiaquin.

9-[2-Chloro-6-fluorophenylmethyl]-9H-purin-6-amine. See Arpocox.

Chloroform
Bartlet, A. L., 1976, Brit. J. Pharmacol., v. 58 (3), 395-400
Fasciola hepatica in vitro, spasmogenic action of carbon tetrachloride and hexachloroethane compared with that of chloroform, pentachloroethane and tetrachloroethylene

Chlorofos. See Trichlorfon.

Chloroguanide. See Chlorguanide.

1-Chloro-hydroxy-propyl-2-methyl-5-nitroimidazole. See Ornidazole.

7-Chlorolincomycin. See Clindamycin.

Chloromebuform. See Chlormebuform.

p-Chloromercuribenzenesulphonic acid
Linstead, D. J.; Klein, R. A.; and Cross, G. A. M., 1977, J. Gen. Microbiol., v. 101 (2), 243-251
Trypanosoma brucei, T. brucei brucei, threonine catabolism, inhibition of threonine dehydrogenase by wide range of agents

p-Chloromercuribenzoic acid
Linstead, D. J.; Klein, R. A.; and Cross, G. A. M., 1977, J. Gen. Microbiol., v. 101 (2), 243-251
Trypanosoma brucei, T. brucei brucei, threonine catabolism, inhibition of threonine dehydrogenase by wide range of agents

Chloromethiuron. See Chlormethiuron.

N^1-(5-Chloro-4-methoxy-2-pyrimidinyl) sulphanilamide -- Ro 4-5509.

N^1-(5-Chloro-4-methoxy-2-pyrimidinyl) sulphanilamide (Ro 4-5509)
Peters, W., 1973, Ann. Trop. Med. and Parasitol., v. 67 (2), 155-167
Plasmodium berghei, different drug-sensitive and -resistant strains, blood schizontocidal action of 3 newer sulphonamides selected for low antibacterial activity, alone or potentiated with pyrimethamine or proguanil

Ro 4-5509
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

3-Chloro-4-methyl-7-coumarinyl diethyl phosphorothionate. See Coumaphos.

3 Chloro-4-methylumbelliferone, 0-ester with 0,0-diethyl phosphorothioate. See Coumaphos.

Chloromycetin. See Chloramphenicol.

5-Chloro-3'-nitro-4'-cyclohexylaminosalicylanilide
Singh, H.; et al., 1976, Indian J. Exper. Biol., v. 14 (3), 332-333
Hymenolepis nana, rats (exper.), 5-chloro-3'-nitro-4'-cyclohexylaminosalicylanilide, drug efficacy, good results, compared with niclosamide

n-(2-Chloro-4-nitrophenyl-5-chlorosalicylamide. See Niclosamide.

Chlorophenothane. See DDT.

N-[[(4-Chlorophenyl)-amino]carbonyl]-2,6-difluorobenzamide. See Diflubenzuron.

N-(4-Chlorophenyl)-N'-(2,6-difluorobenzoyl) urea. See Diflubenzuron.

2-[3-(4-Chlorophenyl) guanidino]-4-(2-diethylaminoethylamino)-6-methyl-pyrimidine -- ICI 3,349.

ICI 3349
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

ICI 3,349
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

ICI 3349
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

2-(p-Chlorophenyl)-2-(4-piperidyl)-tetrahydrofuran -- BA 41,799; BA 41,799 HCl.

BA 41,799
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

BA 41,799
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

BA 41,799 HCl
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

N^1-(6-Chloro-5-phenyl-4-pyrimidinyl) sulphanilamide -- Ro 4-9761.

N^1-(6-Chloro-5-phenyl-4-pyrimidinyl) sulphanilamide (Ro 4-9761)
Peters, W., 1973, Ann. Trop. Med. and Parasitol., v. 67 (2), 155-167
Plasmodium berghei, different drug-sensitive and -resistant strains, blood schizontocidal action of 3 newer sulphonamides selected for low antibacterial activity, alone or potentiated with pyrimethamine or proguanil

Ro 4-9761
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

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Chlorophos. See Trichlorfon.

Chloropicrin (Trichloronitromethane)
Burden, D. J.; et al., 1976, J. Hyg., Cambridge, v. 77 (3), 377-382
Trichuris trichiura in humans, soil fumigants applied to contaminated soil of no value in killing parasite ova, eggs on untreated soil had only 20% viability after 18 months; difetarsone equally unsuccessful in treatment of children thought to be source of contaminated soil: Great Britain

Chloropicrin + Basamid
Burden, D. J.; et al., 1976, J. Hyg., Cambridge, v. 77 (3), 377-382
Trichuris trichiura in humans, soil fumigants applied to contaminated soil of no value in killing parasite ova, eggs on untreated soil had only 20% viability after 18 months; difetarsone equally unsuccessful in treatment of children thought to be source of contaminated soil: Great Britain

2-Chloro-4-(1)-piperazinobenalazine -- Aminobenzaldehyde derivative 80.647; SP 647.

2-Chloro-4-(1)-piperazinobenalazine (SP 647; Aminobenzaldehyde derivative 80.647)
Hildebrandt, J.; et al., 1977, Tropenmed. u. Parasitol., v. 28 (1), 51-56
schistosomicidal activity of aminobenzaldehyde derivative (substance 80.647) in laboratory hosts, highly active against Schistosoma mansoni but poor results with S. mattheei, S. haematobium and S. japonicum

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N'-(6-Chloro-2-pyrazinyl)sulphanilamide. See Sulfachloropyrazine.

Chloroquindiphosphat. See Chloroquine.

Chloroquine -- Aralen; Avlochlor; Avlochor; Avloclor; Chlorochin; Chloroquindiphosphat; Chloroquine diphosphate; Chloroquine phosphate; Chloroquine sulfate; Clorochine; Daraclor (with Pyrimethamine); Delagil; Nivaquine; Resochin; Rezochin; WR 1544.

Chloroquine phosphate
Anjaria, J. V.; Jhala, V. M.; and Shersingh, 1976, Gujarat Agric. Univ. Research J., v. 1 (2), 119-124
theileriasis, crossbred and exotic cattle, chloroquine phosphate; clinico-pharmacological approach

Chloroquine
Armstrong, J. C.; Asfaha, W.; and Palmer, T. T., 1976, Am. J. Trop. Med. and Hyg., v. 25 (1), 5-9
Plasmodium falciparum, human, in vivo field test revealed sensitivity to chloroquine at 4 localities in Ethiopia

Chloroquine
Beaudoin, R. L.; et al., 1977, Exper. Parasitol., v. 42 (1), 1-5
Plasmodium berghei, mice, immunization against ANKA strain using unaltered sporozoite as antigen, suppressive doses of chloroquine throughout immunization period with curative courses of primaquine prior to challenge, all mice survived sporozoite challenge but succumbed to challenge with infected erythrocytes

Chloroquine
Bell, D. R.; and Howells, R. E., 1973, Ann. Trop. Med. and Parasitol., v. 67 (1), 1-14
malaria, blood film and spleen examination results in relation to age, chloroquine and cycloguanil sensitivity of Plasmodium falciparum; Schistosoma haematobium, prevalence and intensity in relation to age and sex: Malumfashi District, North Central State of Nigeria

Chloroquine
Bolte, J.; Demuynck, C.; and Lhomme, J., 1977, J. Med. Chem., v. 20 (12), 1607-1611
forces involved in the stacking interaction between aminoquinoline ring of chloroquine and the monomeric nucleotide bases

Chloroquine + Pyrimethamine
Bolton, J. M., 1972, Med. J. Malaysia, v. 27 (1), 10-19
review of malarial control program among Orang Asli aborigines, prophylactic distribution of chloroquine and pyrimethamine and frequent spraying of homes with DDT implimented, discussion of problems involved: West Malaysia jungle areas

Chloroquine phosphate
Bomb, B. S.; Bedi, H. K.; and Bhatnagar, L. K., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (5-6), 523
malaria, woman treated with chloroquine with resulting mental confusion and psychosis after 1 dose: India

Chloroquine -- Continued.

Chloroquine
Bommartini, F.; and Soprana, M., 1971, Minerva Gastroenterol., v. 17 (1), 45-51
Giardia lamblia, 85-year old man living in home for aged, presenting symptoms of biliary colic, clinical management, chloroquine: Verona, Italy

Chloroquine
Brambilla, E.; Galli, L.; and Caprotti, M., 1974, Riv. Parassitol., Roma, v. 35 (4), 237-244
Plasmodium berghei in Mus musculus subject to thermal stress or whole-body irradiation, lower dose of chloroquine is therapeutically effective

Chloroquine diphosphate (Resochin)
Bruce-Chwatt, L. J., 1976, Munchen. Med. Wchnschr., v. 118 (35), 1097-1107
current recommendations for prophylaxis and control of human malaria

Chloroquine phosphate or sulfate
Bruce-Chwatt, L. J., 1976, Munchen. Med. Wchnschr., v. 118 (35), 1097-1107
current recommendations for prophylaxis and control of human malaria

Chloroquine sulfate + Pyrimethamine (= Daraclor)
Bruce-Chwatt, L. J., 1976, Munchen. Med. Wchnschr., v. 118 (35), 1097-1107
current recommendations for prophylaxis and control of human malaria

Chloroquine
Butler, T.; Warren, K. S.; and Mahmoud, A. A., 1976, J. Infect. Dis., v. 133 (6), 721-726
human malarias, algorithms in the diagnosis and management

Chloroquine
Champagne, D., 1975, Medecine Trop., v. 35 (1), 31-40
cardiotoxicity of chloroquine in humans and exper. animals, clinical symptoms, therapy

Chloroquine
Charoenlarp, P.; and Harinasuta, T., 1973, Southeast Asian J. Trop. Med. and Pub. Health, v. 4 (1), 135-137
Plasmodium vivax, humans, malarial relapse in 2 persons after conventional course of primaquine and chloroquine, cures obtained with increased dosages of both drugs: Thailand

Chloroquine
Charters, A. D.; and Davis, R. E., 1974, Med. J. Australia, v. 1 (14), 527-530
statistical review of human malaria infections imported into Western Australia, increasing incidence, drug resistance to commonly used antimalarials in 4 persons

Chloroquine -- Continued.

Chloroquine
Clyde, D. F.; et al., 1976, J. Trop. Med. and Hyg., v. 79 (2), 38-41
chloroquine-resistant strain of Plasmodium falciparum from Indonesian New Guinea characterized in non-immune volunteers, resistant to most commonly used antimalarials, radical cure produced with mefloquine

Chloroquine
Clyde, D. F.; Han, C. M.; and Huang, Y. S., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (1), 146 [Letter]
Plasmodium falciparum, human, isolation of strain, response to chloroquine: Beaufort District, Sabah

Chloroquine
Clyde, D. F.; and McCarthy, V. C., 1977, Am. J. Trop. Med. and Hyg., v. 26 (3), 562-563
Plasmodium vivax in humans (exper.), radical cure without relapse obtained by treating with primaquine 60 mg over 7 rather than 14 days after previously administering chloroquine

Chloroquine
Clyde, D. F.; McCarthy, V. C.; and Miller, R. M., 1974, Tr. Roy. Soc. Trop. Med. and Hyg., v. 68 (2), 167-168 [Letter]
Plasmodium vivax, inactivity of RC-12 as causal prophylactic and relapse inhibitor when administered alone or with chloroquine in experimental human trials

Chloroquine
Conklin, K. A.; and Chou, S. C., 1970, Science (3963), v. 170, 1213-1214
4 antimalarials, effects on in vitro and in vivo protein synthesis, results indicate primary effect is inhibition of amino acid uptake rather than direct inhibition of protein synthesis

Chloroquine
Crane, G. G.; Hudson, P.; and Hudson, B. E. T., 1973, Papua N. Guinea Med. J., v. 16 (1), 46-49
significant reduction of symptoms of human tropical splenomegaly syndrome after suppressive doses of antimalarials: Papua New Guinea

Chloroquine
Cross, J. H.; Hsu-Kuo, M. Y.; and Lien, J. C., 1973, Southeast Asian J. Trop. Med. and Pub. Health, v. 4 (4), 481-483
Plasmodium cynomolgi bastianellii, accidental infection in female laboratory worker who was exposing Macaca cyclopis to sporozoite infected mosquitoes, circumstances strongly suggest mosquito transmission although actual means remains unknown, clinical case report, cure with chloroquine and primaquine: Taiwan

Chloroquine (WR 1544)
Davidson, D. E., jr.; et al., 1976, Am. J. Trop. Med. and Hyg., v. 25 (1), 26-33
Plasmodium cynomolgi var. bastianellii, trophozoite-induced malaria in Macaca mulatta as antimalarial drug testing system

Chloroquine -- Continued.

Chloroquine diphosphate
Davidson, M. W.; et al., 1977, J. Med. Chem., v. 20 (9), 1117-1122
antimalarial action of quinolinemethanolamines as mefloquine, quinacrine, chloroquine and quinine does not involve interaction with DNA, reported results from laboratory study

Chloroquine
Dennis, D. T.; et al., 1974, Tr. Roy. Soc. Trop. Med. and Hyg., v. 68 (3), 241-245
Plasmodium falciparum, Ethiopian strain, chloroquin tolerance with delayed recrudescence, humans: Ethiopia

Chloroquine
Dennis, D. T.; Doberstyn, E. B.; and Sissay, A., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (5-6), 522-523
Plasmodium falciparum in humans, response to amodiaquine similar to that of chloroquine: Ethiopia

Chloroquine
De Rosa, F.; and Giunta, S., 1972, Parassitologia, v. 14 (2-3), 287-292
Echinococcus granulosus, experimentally infected mice, chemotherapeutic screening, quantitative method, negative results with chloroquine, Lucanthone, Astiban and Endoxan

Chloroquine sulfate
Desowitz, R. S., 1965, Med. J. Malaya, v. 20 (1), 52-53
oxygen consumption of Plasmodium berghei in presence of normal or immune rat serum and chloroquine, possible usefulness in drug screening and determination of drug-serum clearance rates

Chloroquine
Devlin, H. R.; and Bannatyne, R. M., 1977, Canad. Med. Ass. J., v. 116 (1), 20 [Letter]
Plasmodium vivax malaria in 3-week-old twins, mother treated for malaria prior to and during pregnancy but means of transmission to infants uncertain, successfully treated with chloroquine: Toronto, Canada (mother immigrated from India)

Chloroquine (Resochin diphosphate)
Djudovic, P.; et al., 1976, Pharmazie, v. 31 (12), 845-849
quinoline-3-, 6-methoxyquinoline-3-, and quinoxaline-2-derivatives, synthesis, activity against drug-sensitive and resistant strains of Plasmodium spp. in white mice and canaries, comparison with known antimalarials

Chloroquine
Dondero, T. J., jr.; et al., 1974, Southeast Asian J. Trop. Med. and Pub. Health, v. 5 (4), 574-578
Plasmodium falciparum, P. vivax, human malaria prevalence survey revealed no evidence of chloroquine resistance in surveyed areas of North Sumatra, Indonesia

Chloroquine -- Continued.

Chloroquine
Dondero, T. J., jr.; and Mariappan, M., 1974, Tr. Roy. Soc. Trop. Med. and Hyg., v. 68 (4), 338-339 [Letter]
disappointing results using "Dill Glazko" eosin color to test for presence of chloroquine in urine of persons taking drug prophylactically: Malaysia

Chloroquine (Avloclor; Resochin)
Dondero, T. J., jr.; Parsons, R. E.; and O'Holohan, D. R., 1975, Southeast Asian J. Trop. Med. and Pub. Health, v. 6 (4), 488-494
P[lasmodium] falciparum, increased frequency of chloroquine resistance during 2-year survey of employees of rubber estate; P. vivax did not exhibit similar increase: Paroi Estate, near Kuala Lumpur, Malaysia

Chloroquine (Avloclor)
Dondero, T. J., jr.; Parsons, R. E.; and Ponnampalam, J. T., 1976, Tr. Roy. Soc. Trop. Med. and Hyg., v. 70 (2), 149-154
Plasmodium falciparum, appreciable chloroquine and chloroquine combined with pyrimethamine drug resistance discovered in survey of peninsular area; no evidence of resistance with P. vivax and P. malariae: Malaysia

Chloroquine + Pyrimethamine (= Daraclor)
Dondero, T. J., jr.; Parsons, R. E.; and Ponnampalam, J. T., 1976, Tr. Roy. Soc. Trop. Med. and Hyg., v. 70 (2), 149-154
Plasmodium falciparum, appreciable chloroquine and chloroquine combined with pyrimethamine drug resistance discovered in survey of peninsular area; no evidence of resistance with P. vivax and P. malariae: Malaysia

Chloroquine
Ebisawa, I.; and Fukuyama, T., 1975, Ann. Trop. Med. and Parasitol., v. 69 (1), 131-132
Plasmodium falciparum, occurrence of chloroquine-resistant falciparum malaria from West Irian and East Kalimantan

Chloroquine
Ebisawa, I.; and Fukuyama, T., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 275-282
Plasmodium falciparum, human, 2 case reports with chloroquine resistance: West Irian; East Kalimantan

Chloroquine
Ebisawa, I.; Fukuyama, T.; and Kawamura, Y., 1976, Trop. and Geogr. Med., v. 28 (4), 349-354
Plasmodium falciparum, humans, additional foci of chloroquine resistant strain discovered in Indonesia, responsive to single-dose therapy with sulfadoxine-pyrimethamine or sulfamonomethoxine-pyrimethamine

Chloroquine
Eckman, J. R.; et al., 1977, J. Lab. and Clin. Med., v. 90 (4), 767-770
Plasmodium berghei in chloroquine-resistant and chloroquine-sensitive mice (exper.), studies confirm that malaria pigment is composed of precipitated host cell hemoglobin and suggest that drug resistance is accompanied by basic alteration in parasite-mediated hemoglobin catabolism

Chloroquine -- Continued.

Chloroquine
Einheber, A.; Palmer, D. M.; and Aikawa, M., 1976, Exper. Parasitol., v. 40 (1), 52-61
Plasmodium berghei, chloroquine-induced pigment clumping, inhibition and reversal by quinine, WR 33,063, WR 171,669, WR 30,090, and WR 142,490, possible application in assay for oral bioavailability of such candidate antimalarials

Chloroquine
Entner, N.; and Grollman, A. P., 1973, J. Protozool., v. 20 (1), 160-163
Entamoeba histolytica, effect of amebicidal agents on protein synthesis, correlation of drug structural characteristics with biologic activity, implications for designing drugs with increased margin of selective toxicity for parasite vs. host

Chloroquine
Fitch, C. D., 1977, Life Sc., v. 20 (7), 1281-1284
Plasmodium berghei, chloroquine-resistant and -sensitive parasites have identical infective potencies, indicates that chloroquine-resistant parasites select and preferentially infect immature erythrocytes rather than lacking the capability of infecting mature erythrocytes

Chloroquine
Fitch, C. D., 1977, Life Sc., v. 21 (10), 1511-1514
chloroquine-resistant Plasmodium berghei found to be as susceptible to chloroquine as chloroquine-susceptible P. berghei in vitro, indicates that chloroquine resistance is due to inadequate exposure of the intracellular parasites to the drug

Chloroquine
Fitch, C. D.; Chevli, R.; and Gonzalez, Y., 1975, J. Pharmacol. and Exper. Therap., v. 195 (3), 389-396
Plasmodium berghei and P. vinckei chloroquine-resistant and -susceptible strains, P. berghei yoelii spontaneously resistant to chloroquine, variations of substrate-stimulated chloroquine accumulation

Chloroquine
Fitch, C. D.; Gonzalez, Y.; and Chevli, R., 1975, J. Pharmacol. and Exper. Therap., v. 195 (3), 397-403
Plasmodium berghei chloroquine-resistant and -susceptible, amodiaquin accumulation by infected mouse erythrocytes, comparison with chloroquine accumulation

Chloroquine
Fletcher, K. A.; et al., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (1), 6 [Demonstration]
metabolism and excretion of chloroquine and its metabolites in rhesus monkeys and in humans

Chloroquine -- Continued.

Nivaquine (Chloroquine sulphate)
Gautam, O. P.; et al., 1975, Haryana Vet., v. 14 (2), 94-100
T[heileria] hirci, morphology, sheep, case history, pathology, diagnosis, steclin, berenil, nivaquine, fair results: Hissar, transferred to Kameri

Chloroquine
Geddes, A. M., 1975, J. Antimicrob. Chemother., v. 1 (4), 349-350
chloroquine in malaria chemotherapy, brief review including recommendations for chloroquine-resistant strains

Resochin
Genc, S., 1976, Mikrobiyol. Bul., v. 10 (3), 303-306
mixed Giardia lamblia and Trichomonas intestinalis infections, child, resochin and metronidazole treatments successful: Turkey

Chloroquine
George, C. R. P.; Parbtani, A.; and Cameron, J. S., 1976, J. Path., v. 120 (4), 235-249
Plasmodium berghei yoelii in mouse model, nephropathy and immunologic responses before and after antimalarial, immunosuppressive and anticoagulant therapy

Chloroquine
Ghosh, R. B.; Roy, R. G.; and Sitaraman, N. L., 1976, Tr. Roy. Soc. Trop. Med. and Hyg., v. 70 (2), 169
"Dill and Glazko" eosin colour test for detection of chloroquine in urine

Chloroquine
Glew, R. H.; et al., 1974, J. Infect. Dis., v. 129 (4), 385-390
Plasmodium falciparum in young girl, strain with resistance to chloroquine, quinacrine, pyrimethamine and chlorguanide, radical cure obtained with pyrimethamine and sulfadiazine in combination; delayed primary attack with Plasmodium vivax: Maryland (had traveled and engaged in field work in remote area of eastern Colombia)

Chloroquine phosphate
Gregory, P. B., 1976, Gastroenterology, v. 70 (4), 585-588
case report of refractory hepatic amoebiasis in man despite multiple courses of emetine, chloroquine, and metronidazole, final resolution of infection after treatment of Entamoeba histolytica intestinal infection with various drugs considered as probable cause of continuing reinfection of liver: California

Chloroquine diphosphate
Griffin, F. M., jr., 1973, N. England J. Med., v. 288 (26), 1397
Entamoeba histolytica hepatic abscess in Vietnam veteran, poor response to metronidazole therapy, possible drug resistance, apparent cure after emetine and chloroquine: Illinois

Chloroquine -- Continued.

Chloroquine
Grimmond, T. R.; Donovan, K. O.; and Riley, I. D., 1976, Papua N. Guinea Med. J., v. 19 (3), 184-185 [Letter]
Plasmodium falciparum, chloroquine resistant strain discovered in Papua New Guinea

Chloroquine phosphate (Avlochlor)
Gundelfinger, B. F.; et al., 1975, Am. J. Trop. Med. and Hyg., v. 24 (3), 393-396
statistics of survey for prevalence of human Plasmodium spp. and response of Plasmodium falciparum and P. vivax to standard dose of chloroquine; first record of P. ovale reported in Timor, Indonesia

Chloroquine
Hall, A. P., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (3), 425 [Letter]
quinine and chloroquine appear to be antagonistic when given together for falciparum malaria in Southeast Asia

Chloroquine
Hall, A. P., 1977, Tr. Roy. Soc. Trop. Med. and Hyg., v. 71 (5), 367-379
Plasmodium falciparum, humans, pathophysiologic findings in severe infections, clinical management, guidelines for administration of chloroquine and quinine, extensive review

Chloroquine (Nivaquine)
Hall, A. P.; et al., 1975, Am. J. Trop. Med. and Hyg., v. 24 (4), 575-580
Plasmodium falciparum, humans, comparison clinical trials with chloroquine shows amodiaquine toxic and unsuccessful: Thailand

Chloroquine
Hall, A. P.; et al., 1977, Brit. Med. J. (6077) v. 1, 1626-1628
human falciparum malaria, comparison drug trials using quinine + fansidar or quinine + mefloquine in treatment of chloroquine resistant infection, both effective with few side effects: Thailand

Chloroquine phosphate (with Pyrimethamine and Sulfisoxazole)
Hall, A. P.; Arnold, J. D.; and Martin, D. C., 1974, Southeast Asian J. Trop. Med. and Pub. Health, v. 5 (1), 128-131
human falciparum malaria, clinical trials comparing quinine and chloroquine regimens (both drugs given with associated pyrimethamine and sulfa) in U.S. troops in Vietnam and volunteers in the United States; combinations using quinine most successful

Chloroquine
Han, C. M.; and Grimmond, T. R., 1976, Papua N. Guinea Med. J., v. 19 (4), 236-242
human Plasmodium falciparum, no evidence of chloroquine resistance in Maprik and Popondetta areas of Papua New Guinea

Chloroquine -- Continued.

Chloroquine
Harland, P. S. E. G.; Frood, J. D. L.; and Parkin, J. M., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (2), 261-262
human Plasmodium falciparum, prophylactic monthly doses of pyrimethamine given to children in endemic area did not prevent all episodes of severe malaria but were associated with lower antibody titers (possibly resulting from chloroquine therapy prescribed for febrile illnesses): Uganda

Chloroquine
Heischkeil, R., 1973, Ztschr. Tropenmed. u. Parasitol., v. 24 (4), 505-516
Plasmodium vinckei, chemotherapeutic activity of selected antagonists of folic acid metabolism with special reference to structure-activity relationships, comparison with some standard antimalarials; some compounds also exert noxious effect on host

Resochin
Heischkeil, R., 1973, Ztschr. Tropenmed. u. Parasitol., v. 24 (4), 505-516
Plasmodium vinckei, chemotherapeutic activity of selected antagonists of folic acid metabolism with special reference to structure-activity relationships, comparison with some standard antimalarials; some compounds also exert noxious effect on host

Chloroquine
Homewood, C. A.; and Atkinson, E. M., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (1), 26-27 [Demonstration]
P[lasmodium] berghei: carbohydrate metabolism; dependence of chloroquine-induced pigment clumping on composition of culture medium

Chloroquine
Howells, R. E.; and Maxwell, L., 1973, Ann. Trop. Med. and Parasitol. v. 67 (3), 285-300
Plasmodium berghei, chloroquine-resistant and -sensitive strains, intraerythrocytic forms do not possess NAD- or NADP-dependent isocitrate dehydrogenase, elevation of levels of NADP-isocitrate dehydrogenase in reticulocytes, possible relationship of this reticulocyte stimulation to chloroquine resistance

Chloroquine
Howells, R. E.; and Maxwell, L. M., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (1), 19 [Demonstration]
Plasmodium berghei, isocitrate dehydrogenase activity in relation to mitochondrial changes during life-cycle; enhancement of enzyme activity greater in reticulocytes infected by chloroquine-resistant vs. -sensitive strain

Chloroquine phosphate
Hughes, F. H., 1974, Southeast Asian J. Trop. Med. and Pub. Health, v. 5 (2), 184-185
Plasmodium falciparum, probable chloroquine resistant malaria in woman who acquired infection while travelling in Central Java despite taking weekly prophylactic chloroquine-primaquine medication: Indonesia

Chloroquine -- Continued.

Chloroquine SO_4
Irvin, A. D.; and Young, E. R., 1977, Nature, London (5627), v. 269, 407-409
Babesia spp., in vitro test for screening drug activity which exploits finding that Babesia parasites readily incorporate hypoxanthine in an in vitro culture system, may also be used to detect drug resistance patterns and have possible application in primary screening of antimalarial drugs

Chloroquine
Jones, E. A.; et al., 1977, Am. J. Med., v. 63 (5), 836-842
Fasciola hepatica, massive infection in man (ova in feces) who frequently ate wild watercress (suitable habitat and infected snail hosts found near source of watercress), extensive clinical case report, successful therapy with bithionol after incomplete cure using chloroquine: Northwest England

Chloroquine
van der Kaay, H. J.; and Zuidema, P. J., 1976, Nederl. Tijdschr. Geneesk., v. 120 (20), 884-886
human Plasmodium spp., recommendations for malaria prophylaxis during travel to endemic areas

Chloroquine
Kaddu, J. B.; and Warhurst, D. C., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (1), 17-18 [Demonstration]
P[lasmodium] berghei, drug-sensitive and -resistant strains, action of minocycline and/or chloroquine

Chloroquine
Kaddu, J. B.; Warhurst, D. C.; and Peters, W., 1974, Ann. Trop. Med. and Parasitol., v. 68 (1), 41-46
Plasmodium berghei drug sensitive and resistant strains, action of minocycline, in combination with chloroquine the interaction was no more than additive

Chloroquine + Primaquine
Kaplan, M. H.; and Bernstein, L. S., 1974, Mil. Med., v. 139 (6), 444-448
Plasmodium vivax, U.S. soldiers in Vietnam, improved care with primaquine combined with chloroquine therapy; survey of servicemen shows frequent mixed hookworm infections, increased serum IgM levels and decreased cholesterol levels

Chlorochin
Koehler, P., 1976, Ztschr. Parasitenk., v. 50 (2), 187
Ascaris suum, chemotherapy, effect on mitochondrial hydrogen transport

Resochin (Chloroquindiphosphat; Delagil)
Laiblin, C.; and Mueller, M., 1977, Berl. u. Munchen. Tierarztl. Wchnschr., v. 90 (12), 234-237
Theileria annulata, steers, resochin did not prevent acute symptoms and death, but did prevent chronic disease in recovering animals; prophylactic treatment negative

Chloroquine -- Continued.

Chloroquine (Avlochor)
Lewis, A. N.; Dondero, T. J., jr.; and Ponnampalam, J. T., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (2), 310-312 [Letter]
P[lasmodium] falciparum, human, resistance to chloroquine suppression but sensitivity to chloroquine treatment: West Malaysia

Chloroquine
Lewis, A. N.; and Ponnampalam, J. T., 1975, Ann. Trop. Med. and Parasitol., v. 69 (1), 1-12
Plasmodium falciparum, P. vivax, suppression of malaria with monthly administration of combined sulphadoxine and pyrimethamine, compared with control groups on placebo and on weekly chloroquine, no serious side effects observed

Chloroquine
McHardy, N.; Haigh, A. J. B.; and Dolan, T. T., 1976, Nature, London (5562), v. 261, 698-699
Theileria parva, drug screening in vitro, only Menoctone showed appreciable activity, subsequent tests in cattle artificially infected with ECF confirmed activity of Menoctone against the disease, mode of action not clear but seems to act against schizont or earlier stages and probably along a widely occurring biochemical pathway

Chloroquine phosphate
Mackenzie, C. J. G.; and Wyatt, G., 1976, J. Am. Med. Ass., v. 236 (10), 1114-1115
recommendations for physicians in temperate zones regarding chloroquine prophylaxis for travelers in endemic malarial areas

Chloroquine
Mannweiler, E.; et al., 1976, Munchen. Med. Wchnschr., v. 118 (36), 1139-1144
Plasmodium spp., homologous and heterologous malaria pathogens used as antigens to determine malaria antibodies by direct immunofluorescence, pre- and post-treatment with chloroquine compared

Chloroquine phosphate
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

Chloroquine
Moore, G. A., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (1), 14 [Demonstration]
attempted detection of drugs by fluorescence

Chloroquine diphosphate (Rezochin; Aralen)
Nakabayashi, T.; et al., 1974, Nettai Igaku (Trop. Med.), v. 16 (1), 1-10
Plasmodium falciparum, strain resistant to chloroquine discovered in Iwahig Penal Colony, Philippines

Chloroquine -- Continued.

Resochin
Ohlrogge, R.; and Schlipkoeter, H. W., 1973, Med. Microbiol. and Immunol., v. 158 (4), 267-274
deviations in erythrogram before and after treatment of human malaria infections with resochin, no such changes in hookworm and other worm infections: Liberia; Togo

Chloroquine
O'Holohan, D. R.; Dondero, T. J., jr.; and Ponnampalam, J. T., 1973, Med. J. Malaysia, v. 27 (4), 310
fansidar excellent drug for treatment of chloroquine resistant malaria but use as prophylaxis is experimental and not recommended

Chloroquine
Olatunde, A., 1977, Tr. Roy. Soc. Trop. Med. and Hyg., v. 71 (1), 80-81
Plasmodium falciparum, humans, increasing evidence of chloroquine resistant strains in Africa

Chloroquine
Palmer, R. M. J.; and Weatherall, M., 1977, Brit. J. Pharmacol., v. 59 (3), 472P
anti-malarial drugs, migration of horse leucocytes in vitro, inhibition of migration is specific to neither anti-malarial activity nor chemical structure

Chloroquine
Palmer, T. T.; et al., 1976, Am. J. Trop. Med. and Hyg., v. 25 (1), 10-13
Plasmodium falciparum, human, Rieckmann in vitro field test confirmed sensitivity to chloroquine in agreement with in vivo tests: Ethiopia

Chloroquine phosphate
Parry, M. F.; et al., 1977, J. Am. Med. Ass., v. 238 (12), 1282-1283
Babesia microti, clinical case report in man who had visited Montauk, New York areas, chloroquine therapy successful: Stamford, Connecticut

Chloroquine
Pearlman, E. J.; et al., 1977, Am. J. Trop. Med. and Hyg., v. 26 (6, part 1), 1108-1115
Plasmodium falciparum, P. vivax, chloroquine resistant strains, field trials comparing efficacy of pyrimethamine combined with either sulfadoxine or diformyldapsone: Thailand

Chloroquine
Peters, W.; et al., 1977, Ann. Trop. Med. and Parasitol., v. 71 (4), 407-418
Plasmodium berghei, chloroquine sensitive and resistant strains, or mixed infections with P. yoelii nigeriensis, efficacy and mode of action of mefloquine in mice (exper.), evidence of potent blood schizontocide with effects enhanced by addition of pyrimethamine, sulfaphenazole or primaquine

Chloroquine -- Continued.

Chloroquine 2 H_3PO_4
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

Chloroquine
Peters, W.; and Porter, M., 1976, Ann. Trop. Med. and Parasitol., v. 70 (3), 271-281
Plasmodium berghei, drug trials with mice comparing activity of WR 122,455 against drug resistant strains with activity of common antimalarials

Chloroquine
Peters, W.; Portus, J. H.; and Robinson, B. L., 1973, Ann. Trop. Med. and Parasitol., v. 67 (2), 143-154
Plasmodium berghei, effect of chloroquine on development of resistance to sulphaphenazole, effect of other sulphonamides on sulphaphenazole-resistant line, effect of chloroquine on development of resistance to pyrimethamine, effect of chloroquine-pyrimethamine combination against chloroquine resistant strain first attacked with chloroquine alone

Chloroquine $2H_3PO_4$
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

Chloroquine
Peters, W.; Portus, J.; and Robinson, B. L., 1977, Ann. Trop. Med. and Parasitol., v. 71 (4), 419-427
Plasmodium berghei, mice (exper.), studies on development of resistance to mefloquine and possible means of slowing down resistance process by mixing mefloquine with pyrimethamine, sulfaphenazole or primaquine; recommendation that mefloquine be used only to treat chloroquine resistant P. falciparum

Nivaquine (Chloroquine)
Picq, J. J.; Charmot, G.; and Ricosse, J. H., 1972, Medecine Trop., v. 32 (4), 527-546
"semi-immune" humans with acute attacks of Plasmodium falciparum, comparison drug trials using antemal and nivaquine, biochemical reactions of drug agents on trophozoites

Chloroquine
Poels, L. G.; et al., 1977, Exper. Parasitol., v. 42 (1), 182-193
Plasmodium berghei, active immunization of chloroquine-protected mice, immunofluorescence and immunoperoxidase studies, transfer of malaria-immunized spleen cells and/or serum, priming with immune spleen cells, evidence for selective release of protective antigens during course of infection

Chloroquine
Poels, L. G.; and van Niekerk, C. C., 1977, Exper. Parasitol., v. 42 (1), 235-247
Plasmodium berghei-infected mice, depression of immune responsiveness to sheep erythrocytes, tolerance induced during period of severe immunosuppression, responsiveness restored with chloroquine cure, elevated levels of nonspecific antibodies produced during immunosuppression, possible relationship between hyperimmunoglobulinemia and immunosuppression

Chloroquine
Ponnampalam, J. T.; Seow, C. L.; and Roy, O. S., 1976, J. Trop. Med. and Hyg., v. 79 (10), 220-225
human malaria prophylaxis, controlled study comparing efficacy of dapsone combined with pyrimethamine (Maloprim) to that of chloroquine for use in long-term chemosuppression of infection: Malaysia

Chloroquine
Porter, M.; and Peters, W., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (1), 17 [Demonstration]
P[lasmodium] berghei berghei, two lines, development of resistance to WR 122,455, cross-resistance to quinine and possibly of one line also to chloroquine

Chloroquine phosphate
Porter, M.; and Peters, W., 1976, Ann. Trop. Med. and Parasitol., v. 70 (3), 259-270
Plasmodium berghei, drug-sensitive strains successfully suppressed by WR 122,455, laboratory trials in mice comparing action with that of chloroquine and quinine

Chloroquine
Ramos, O. L.; and Cabrera, B. D., 1972, Southeast Asian J. Trop. Med. and Pub. Health, v. 3 (4), 562-568
Plasmodium falciparum, P. vivax, humans, evaluation of blood schizonticidal and radical curative activities of sulfamonomethoxine alone or combined with pyrimethamine in strains resistant and sensitive to chloroquine

Chloroquine
Rank, R. G.; and Weidanz, W. P., 1976, Proc. Soc. Exper. Biol. and Med., v. 151 (2), 257-259
Plasmodium gallinaceum, fatal fulminating parasitemias in agammaglobulinemic chickens, B-cell deficient chickens rescued from primary infection by chloroquine therapy resisted challenge infection, data suggest that premunition to malaria in chickens is B-cell independent

Nivaquine
Rao, G. S.; Surendran, N. S.; and Choudary, K. V., 1973, Indian Vet. J., v. 50 (1), 104-105
theileriasis, exotic and cross-bred cows, treatment, best results using Berenil coupled with Achromycin: Andhra Pradesh

Chloroquine
Richards, W. H. G.; and Williams, S. G., 1973, Ann. Trop. Med. and Parasitol., v. 67 (2), 179-190
Plasmodium berghei, in vitro evaluation of drug activities using whole blood vs. leucocyte-free blood-dilution cultures and ^{3}H-leucine uptake, comparison with P. knowlesi

Chloroquine
Richards, W. H. G.; and Williams, S. G., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 135-140
Plasmodium falciparum in Aotus trivirgatus, treatment with chloroquine or 1-amidino-3-(3-chloro-4-cyanophenyl) urea, comparison of assessment in vivo with an in vitro test of protein-synthesizing activity (incorporation of radioactive leucine), in vitro system should prove useful in drug metabolism studies and in experiments using large or expensive animals

Chloroquine
Rosario, V. E., 1976, Nature (5561), v. 261, 585-586
Plasmodium chabaudi, genetic basis of chloroquine resistance investigated in crosses between lines differing additionally in pyrimethamine-susceptibility

Chloroquine
Rosario, V. E.; et al., 1976, Tr. Roy. Soc. Trop. Med. and Hyg., v. 70 (4), 287 [Demonstration]
Plasmodium chabaudi capacity of drug-resistant forms to compete with drug-sensitive forms in absence of drug pressure, pyrimethamine-resistant mutants are at disadvantage compared to sensitive forms but chloroquine-resistant mutants appear to outgrow sensitive forms

Chloroquine
Rosenberg, R.; and Maheswary, N. P., 1977, Tr. Roy. Soc. Trop. Med. and Hyg., v. 70 (5-6), 1976, 533 [Letter]
Plasmodium falciparum in humans, chloroquine resistant strain discovered in Bangladesh

Chloroquine phosphate
Ruebush, T. K. II ; et al., 1977, Ann. Int. Med., v. 86 (1), 6-9
Babesia microti infections in humans, 5 case reports, successful treatment with chloroquine phosphate; Ixodes scapularis probably major vector in area: Nantucket Island

Chloroquine
Sapunar, J.; Munoz, M. A.; and Castro, J., 1967, Bol. Chileno Parasitol., v. 22 (2), 60-65
Entamoeba histolytica, case report of hepatic abscess in man which ruptured into the bronchi after abscess aspiration, emetine and chloroquine therapy: Santiago, Chile

Chloroquine -- Continued.

Chloroquine phosphate
Scharfman, W. B.; and Taft, E. G., 1977, J. Am. Med. Ass., v. 238 (12), 1281-1282
human babesiosis (Nantucket fever), case report of infection in adult woman after summer visit to Nantucket Island, diagnosis, therapy with chloroquine: Albany, New York

Chloroquine
Schmidt, L. H., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (4), 446-474
Plasmodium falciparum and Plasmodium vivax in Aotus trivirgatus as model systems for chemotherapeutic studies, handling of animals, course of infections and response to standard antimalarial drugs compared with that in man, use of model in assessing activities of new agents and drug resistance

Chloroquine
Schmidt, L. H.; et al., 1977, Am. J. Trop. Med. and Hyg., v. 26 (6, part 1), 1116-1128
Plasmodium cynomolgi, rhesus monkeys, various 8-aminoquinolines in combination with blood schizonticidal drugs, total dose of 8-aminoquinoline administered (rather than duration of treatment) is primary determinant of radical curative activity

Chloroquine
Shanmugam, C. A. K.; et al., 1976, Indian J. Med. Research, v. 64 (9), 1314-1317
Plasmodium falciparum, P. vivax, humans treated with chloroquine and/or primaquine, follow-up for chloroquine sensitivity status: Tamil Nadu State, India

Chloroquine
Sherman, I. W., 1974, J. Protozool., v. 21 (3), 452 [Abstract]
Plasmodium knowlesi cell-free system, requirements for optimum protein synthesis, effect of various drugs

Chloroquine
Sherman, I. W., 1976, Comp. Biochem. and Physiol., v. 53 (4B), 447-450
Plasmodium knowlesi ribosomes, development of highly active cell-free protein synthesizing system, use in assaying antimalarials

Chloroquine
Sherman, I. W.; and Jones, L. A., 1976, J. Protozool., v. 23 (2), 277-281
Plasmodium lophurae, reliable procedure for isolation of active ribosomes, optimal requirements for in vitro synthesis of proteins, effects of variety of drugs on duck reticulocyte and plasmodial ribosomes in cell-free protein-synthesizing systems (restricted selectivity not obtained)

Chloroquine
Shih, W. J., 1976, J. Am. Med. Ass., v. 236 (10), 1116
diagnosis of Clonorchis sinensis in man by hepatic scan, history of raw and undercooked fish consumption, resolution of lesions after treatment with gentian violet and chloroquine: Taiwan

Chloroquine -- Continued.

Chloroquine
Smalley, M. E., 1977, Tr. Roy. Soc. Trop. Med. and Hyg., v. 71 (6), 526-529
Plasmodium falciparum, asexual erythrocytic parasites destroyed by chloroquine but mature gametocytes are not, the drug clumped pigment of developing gametocytes with only immature gametocytes in the final stages of development surviving

Chloroquine
Sucharit, P.; et al., 1977, Ann. Trop. Med. and Parasitol., v. 71 (4), 401-405
Plasmodium falciparum, evaluation of relationships between chloroquine concentrations in in vitro cultures which inhibit maturation of asexual erythrocytic forms of parasite strains found in Thailand and the in vivo response of 3 parasite strains

Chloroquine
Tin, F.; and Nyunt Hlaing, 1977, Southeast Asian J. Trop. Med. and Pub. Health, v. 8 (1), 104-112
Plasmodium falciparum, humans, proposed new treatment regimens for recently discovered infections resistant to standard doses of chloroquine, pyrimethamine, and proguanil: Burma

Chloroquine
Trigg, P. I., 1976, Bull. World Health Organ., v. 53 (4), 399-406
Plasmodium spp., parasite cultivation in relation to chemotherapy of malaria with special application to chloroquine resistance, review of current aspects and new developments

Chloroquine diphosphate (Resochin; Aralen)
Tsukamoto, M.; et al., 1975, Nettai Igaku (Trop. Med.), v. 17 (1), 13-26
Plasmodium spp. in humans, field trials of biochemical analysis of blood and urine, value comparisons before and after antimalarial therapy: Philippines

Chloroquine
Tsuneda, K., 1974, Nettai Igaku (Trop. Med.), v. 16 (1), 11-20
Plasmodium gallinaceum, asexual forms and gametocytes, cyclic changes in numbers in blood of infected fowls, effect of chloroquine treatment, exflagellation of gametocytes (as indication of infectivity for mosquito vectors) demonstrated as long as mature gametocytes could be found in blood

Chloroquine
Vakil, B. J.; and Dalal, N. J., 1974, Progr. Drug Research, v. 18, 353-364
Entamoeba histolytica, humans, techniques for comparative evaluation of amoebicidal drugs: sites of action, efficacy, side effects, and toxicity

Chloroquine -- Continued.

Chloroquine
Valera, C. V.; and Shute, G. T., 1976, Bull. World Health Organ., v. 53 (4), 391-398
Plasmodium falciparum in humans, preliminary evaluation of distribution of chloroquine resistant strains and local incidence using the Rieckmann in vitro technique: Manila, the Philippines

Chloroquine
Verdrager, J.; et al., 1976, J. Trop. Med. and Hyg., v. 79 (3), 58-66
chloroquine resistant Plasmodium falciparum reported in East Kalimantan, Island of Borneo, Indonesia, correlation of resistant malaria with area of dispersion of A[nopheles] balabacensis vector mosquitoes

Chloroquine
Vogel, C. W.; and Koenigk, E., 1975, Tropenmed. u. Parasitol., v. 26 (3), 278-280
human malaria, spectrofluorometric and spectrodensitometric determination of chloroquine in plasma and urine of persons undergoing malaria therapy

Chloroquine
Warhurst, D. C., 1973, J. Protozool., v. 20 (4), 529
Plasmodium berghei N67, P. berghei yoelii 17X, pigmented strains naturally resistant to chloroquine, surprisingly shown to possess high-affinity chloroquine receptors present in sensitive strains, presence of receptors apparently linked with production of haemozoin which will itself concentrate chloroquine, suggested that chloroquine interferes with sequestration of haemin as haemozoin

Chloroquine diphosphate
Warhurst, D. C.; Homewood, C. A.; and Baggaley, V. C., 1974, Ann. Trop. Med. and Parasitol., v. 68 (3), 265-281
Plasmodium berghei, erythrocytic forms in vitro, technique for study of autophagic vacuole formation (pigment clumping), effect of chloroquine alone or with various cytotoxic drugs

Chloroquine
Warhurst, D. C.; and Mallory, P., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (1), 20-21 [Demonstration]
binding site for antimalarial schizontocides, chloroquine and quinine apparently compete for same site, other drugs with side-chain similarities and sufficient lipophilicity may also compete

Chloroquine
Warhurst, D. C.; Robinson, B. L.; and Peters, W., 1974, J. Protozool., v. 21 (3), 453 [Abstract]
P[lasmodium] berghei, erythromycin, antimalarial action against blood stages confirmed and causal prophylactic activity detected, potentiation and chloroquine examined in chloroquine-sensitive and -resistant strains, erythromycin stearate more active than the base when given orally

Chloroquine -- Continued.

Chloroquine diphosphate + Erythromycin
Warhurst, D. C.; Robinson, B. L.; and Peters, W., 1976, Ann. Trop. Med. and Parasitol., v. 70 (3), 253-258
Plasmodium berghei, mice, erythromycin potentiation of action of chloroquine on chloroquine-resistant strains, comparison of oral and subcutaneous routes and erythromycin base and stearate

Chloroquine
Warhurst, D. C.; and Thomas, S. C., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (1), 15 [Demonstration]
stereochemical similarities between antimalarial schizontocides in relation to binding to receptor sites in intraerythrocytic malaria parasites

Chloroquine
Warhurst, D. C.; and Thomas, S. C., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (4), 428 [Demonstration]
Plasmodium berghei, chloroquine treatment in vitro causes digestive vesicles containing hemozoin to clump together, competitive inhibition of this clumping by quinine and oligomycin, possibility that clumping site is a membrane ATP-ase used by the intraerythrocytic parasite

Chloroquine
Wilde, H., 1973, N. England J. Med., v. 289 (7), 378 [Letter]
Entamoeba histolytica, case reports of poor response of hepatic abscess to metronidazole therapy, cure after emetine, chloroquine and di-iodohydroxyquin: Thailand

Chloroquine
Wilkinson, R. N.; Noeypatimanondh, S.; and Gould, D. J., 1976, Tr. Roy. Soc. Trop. Med. and Hyg., v. 70 (4), 306-307
Plasmodium falciparum, malaria patients before and after chloroquine treatment, infectivity for Anopheles balabacensis and A. minimus, possible relationship to drug resistance: Thailand

Chloroquine
Williams, S. G.; and Fanimo, O., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 301-309
Plasmodium berghei, intracellular pH of rat erythrocytes parasitized with chloroquine-sensitive vs. resistant strains, no evidence to support hypothesis that intracellular pH of drug resistant strains is higher than that for sensitive strains

Chloroquine
Wilson, R. J. M.; and Phillips, R. S., 1976, Nature, London (5573), v. 263, 132-134
Plasmodium falciparum in Gambian children, in vitro screening of sera for anti-Plasmodium falciparum activity raised questions about antigenic diversity and duration of inhibitory antibody response, method devised to test known homologous or heterologous combinations of parasitised cells and sera (parasite multiplication and uptake of ^{3}H-isoleucine in serum obtained before and after chloroquine treatment)

Chloroquine -- Continued.

Chloroquine
Wood, I. J.; Stephens, W. B.; and Porter, D. D., 1975, Med. J. Australia, v. 2 (22), 829-831
Fasciola hepatica liver infections in husband and wife who had eaten watercress contaminated by cattle, problems in diagnosis solved only by pathology discovered in diagnostic surgery, good responses to emetine and chloroquine therapy: Victoria, Australia

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Chloroquine diphosphate. See Chloroquine.

Chloroquine phosphate. See Chloroquine.

Chloroquine sulfate. See Chloroquine.

4-[(7-Chloro-4-quinolyl)-amino]-α-(diethylamino)-o-cresol. See Amodiaquin.

7-Chloro-10-D-ribitylisoallaxozine
Graham, D. W.; et al., 1977, Experientia, v. 33 (10), 1274-1276
Eimeria tenella, E. acervulina, anticoccidial activity of riboflavine antagonists

(N-Chloro-p-toluene sulfonamido) sodium. See Chloramine-T.

N'-(4-Chloro-o-tolyl)-N,N-dimethylformamidine. See Chlorphenamidine.

2-(4-Chloro-o-tolyl)imino-1,3-dithietane. See Nimidane.

1-(3-Chloro-p-tolyl) piperazine hydrochloride -- Mirasan.

Mirasan
Foster, R.; and Cheetham, B. L., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (5), 674-684
Schistosoma spp., oxamniquine, activity in rodents and in vitro, comparison with some other schistosomicides, toxicity studies

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2-Chloro-1-(2,4,5-tri-chlorophenyl)vinyl dimethyl phosphate. See Tetrachlorvinphos.

Chloroxylenol -- Dikol (with Dichloroxylenol).

Dikol
Mohammed, M. A.; Atef, M.; and Shihata, I.M., 1976, Egypt. J. Vet. Sc., v. 11 (1-2), 1974, 1-5
Eimeria tenella, poultry, efficiency of insecticides and disinfectants against oocysts

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Chlorphenamidine -- Chlordimeform; N-(4-Chlor-2-methylphenyl)-N',N'-dimethylformamidine; N'-(4-Chloro-o-tolyl)-N,N-dimethylformamidine; MITE-OUT; Spike.

Chlordimeform
Christensen, C. M.; Knapp, F. W.; and Tuttle, J. W., 1977, Poultry Science, v. 56 (1), 79-81
Ornithonyssus sylviarum, chickens, chlordimeform and tetrachlorvinphos equally effective; control less rapid with chlordimeform

Chlordimeform
Gladney, W. J.; Ernst, S. E.; and Drummond, R. O., 1974, J. Med. Entom., v. 11 (5), 569-572
Amblyomma americanum, Rhipicephalus sanguineus, Dermacentor andersoni, guinea pigs (exper.), topical chlordimeform highly effective as tick detachment agent (more effective against adults than nymphs) and caused a slow and incomplete kill of detached ticks (more toxic to nymphs than to adults)

Chlordimeform (Spike)
Gothe, R.; and Hartig, M., 1976, Zentralbl. Vet.-Med., Reihe B, v. 23 (3), 243-254
Boophilus microplus, organophosphorus-resistant strains, clenpyrin, chlordimeform, and chlormethiuron active

Chlordimeform (MITE-OUT)
Hall, R. D.; Townsend, L. H., jr.; and Turner, E. C., jr., 1975, Vet. Parasitol., v. 1 (2), 185-192
Ornithonyssus sylviarum, commercial caged laying hens, efficiency of chlordimeform applied as high or low pressure spray, comparison with stirofos

Chlordimeform
Palmer, W. A., 1976?, Tech. Bull. (12), Dept. Agric. N. South Wales, 1-12
Boophilus microplus, laboratory bioassay of adults for monitoring field dips for efficiency, results show method unsuitable

Chlordimeform
Rawlins, S. C.; and Mansingh, A., 1977, J. Econom. Entom., v. 70 (6), 697-698
Boophilus microplus, Amblyomma cajennense, and Anocentor nitens, susceptibility of Jamaican strains to various acaricides

Chlordimeform
Rawlins, S. C.; and Mansingh, A., 1977, PANS, v. 23 (2), 137-142
Boophilus microplus, Jamaican strain, susceptibility to 35 acaricides, carbamates more effective than organophosphates or formamidines, chlorinated hydrocarbons least effective, comparison of resistance pattern with susceptible and resistant Australian strains

Chlordimeform
Roulston, W. J.; et al., 1977, Austral. J. Agric. Research, v. 28 (2), 345-354
Boophilus microplus, characterization of three strains of organophosphorus-resistant cattle ticks, resistance to organophosphorus and carbamate acaricides: Bajool, Tully and Ingham, northern Queensland

Chlorphenamidine -- Continued.

Chlordimeform
Schuntner, C. A.; and Thompson, P. G., 1977, J. Austral. Entom. Soc., v. 15 (4), 1976, 388
Boophilus microplus larvae, formamidine derivatives, inhibition of carbaryl oxidizing enzyme as primary lesion in lethal action

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Chlorphenoxamide -- N-(beta-Ethoxy-ethyl)-N-(p-phenoxy-(4-nitro)-benzyl) dichloroacetamide; Etichlordiphene; Etofamide; Etophamide; Kitnos.

Etofamide (Kitnos)
Barberi Zamorano, R.; et al., 1973, Pediatria, Bogota, v. 13 (3), 223-230
Entamoeba histolytica in children, clinical trials wtih etofamide, good results: Bogota, Colombia

Etophamide (Etichlordiphene; Kitnos)
Biagi, F.; Alvarez, R.; and Gonzalez, C., 1974, Tr. Roy. Soc. Trop. Med. and Hyg., v. 68 (5), 368-369
Entamoeba histolytica in children, successful clinical trials using etophamide, early satisfactory clinical responses: Mexico

Etofamide (Kitnos)
Heiblum, M., 1972, Prensa Med. Mexicana, v. 37 (1-2), 73-76
Entamoeba histolytica, humans, successful clinical trials with etofamide: Mexico

Chlorphenoxamide
Vakil, B. J.; and Dalal, N. J., 1974, Progr. Drug Research, v. 18, 353-364
Entamoeba histolytica, humans, techniques for comparative evaluation of amoebicidal drugs: sites of action, efficacy, side effects, and toxicity

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Chlorplon. See Chloramphenicol.

Chlorproguanil-HCl (Lapudrin)
Bruce-Chwatt, L. J., 1976, Munchen. Med. Wchnschr., v. 118 (35), 1097-1107
current recommendations for prophylaxis and control of human malaria

Chlorpyrifos. See Dursban.

Chlorpyrifos-methyl
Rawlins, S. C.; and Mansingh, A., 1977, PANS, v. 23 (2), 137-142
Boophilus microplus, Jamaican strain, susceptibility to 35 acaricides, carbamates more effective than organophosphates or formamidines, chlorinated hydrocarbons least effective, comparison of resistance pattern with susceptible and resistant Australian strains

Chlorpyriphos. See Dursban.

Chlortetracycline -- Aureomycin; Aureo-S-700 (with Sulfamethazine); Chlortetracycline hydrochloride.

Aureomycin + Sulphamethazine (= Aureo-S-700)
Ajayi, J. A., 1976, Parasitology, v. 72 (3), 335-343
8 ovine Eimeria spp., effects of temperature and Aureo-S-700 on sporulation, viability, and infectivity of oocysts

Aureomycin-Sulphamethazine (=Aureo-S700)
Ajayi, J. A.; and Todd, A. C., 1977, Brit. Vet. J., v. 133 (2), 166-174
Eimeria spp., lambs, two levels of aureomycin-sulphamethazine supplement, smaller dose permitted resistance to be acquired, higher dose suppressed coccidial growth and multiplication but did not permit development of resistance

Aureomycin
Alley, J. L.; and Christenberry, C. C., 1973, Proc. 6. National Anaplasmosis Conf. (Las Vegas, Nevada, March 19-20, 1973), 137-140
anaplasmosis, cattle, comparison of rapid card agglutination test with complement fixation test showed overall agreement of 93.9% for unvaccinated animals and 77.9% for vaccinated herds; demonstration that anaplasmosis can be eliminated from a herd of cattle by isolation and aureomycin treatment of infected animals detected exclusively on basis of card agglutination test results

Chlortetracycline (Aureomycin)
Collins, W. W., 1973, Proc. 6. National Anaplasmosis Conf. (Las Vegas, Nevada, March 19-20, 1973), 97-99
anaplasmosis, cattle, development of feeding programs to provide chlortetracycline at required level in palatable and stable combinations of feed ingredients, correct level of consumption can be achieved by combining suitable formulations and management practices

Chlortetracycline + Sulfamethazine + Penicillin
Foreyt, W. J.; Todd, A. C.; and Hartsough, G. R., 1977, Am. J. Vet. Research, v. 38 (3), 391-394
Isospora laidlawi, Eimeria vison and Eimeria sp. in Mustela vison (exper.), good results

Chlortetracycline
Gill, B. S.; et al., 1977, Ann. Recherches Vet., v. 8 (3), 285-292
Theileria annulata, cattle, successful immunization by infecting with one-tick stabilate (Hyalomma dromedarii) and simultaneous treatment with chlortetracycline

Chlortetracycline
Gill, B. S.; Bhattacharyulu, Y.; and Kaur, D., 1976, Research Vet. Sc., v. 21 (2), 146-149
Theileria annulata, calves, tick-induced infections (Hyalomma anatolicum anatolicum or H. dromedarii), immunization using chlortetracycline prophylactically

Chlortetracycline -- Continued.

Chlortetracyclin
Madatov, R. I.; and Mershchiev, V. M., 1973, Vestnik Sel'skokhoz. Nauki Kazakhstana (11), 75-78
nosematosis, bees, chemotherapy, sulfapyridazine + chlortetracyclin most effective

Chlortetracycline hydrochloride (Aureomycin)
Mugera, G. M.; Mworia, G. M.; and Munyua, W. K., 1973, Bull. Epizoot. Dis. Africa, v. 21 (4), 501-505
T[heileria] parva, calves (exper.), transmission by Rhipicephalus appendiculatus, reduction of parasites and, in some cases, complete recovery and immunity after early treatment with chlortetracycline hydrachloride

Chlortetracycline + Sulfamethazine + Penicillin
Onawunmi, O. A.; and Todd, A. C., 1976, Am. J. Vet. Research, v. 37 (6), 657-660
porcine coccidiosis (exper.), suppression and control with chlortetracycline combination, buquinolate, and lincomycin hydrochloride

Chlortetracycline
Richey, E. J.; et al., 1977, Am. J. Vet. Research, v. 38 (2), 169-170
Anaplasma marginale, cattle, resistance after chlortetracycline elimination of latent infections is similar to that after killed-antigen vaccination of animals with no record of infection

Chlortetracycline
Richey, E. J.; et al., 1977, Am. J. Vet. Research, v. 38 (2), 171-172
Anaplasma marginale, latent infections, cows, elimination by low levels of chlortetracycline

Aureomycin
Roberts, C. O.; Chaparas, S. D.; and McLaughlin, D., 1976, J. Protozool., v. 23 (2), 34A [Abstract]
Toxoplasma gondii, mammalian and avian cell cultures tested to determine ability to support growth and plaque induction, inhibition of plaque formation by lincocin, sulfisoxazole, cleocin, and aureomycin and by anti-toxoplasma antibody

Aureomycin
Roberts, C. O.; Chaparas, S. D.; and McLaughlin, D., 1976, Tr. Am. Micr. Soc., v. 95 (3), 470-482
Toxoplasma gondii, plaque assay technique used to (1) select best tissue culture system for studying progress of infection, (2) assess effect of drugs and antibiotics, (3) observe effect of immune sera on tissue culture infection, and (4) investigate cellular hypersensitivity by in vivo and in vitro systems

Chlortetracycline -- Continued.

Aureomycin
Sherman, I. W., 1976, Comp. Biochem. and Physiol., v. 53 (4B), 447-450
Plasmodium knowlesi ribosomes, development of highly active cell-free protein synthesizing system, use in assaying antimalarials

Chlortetracycline
Sherman, I. W.; and Jones, L. A., 1976, J. Protozool., v. 23 (2), 277-281
Plasmodium lophurae, reliable procedure for isolation of active ribosomes, optimal requirements for in vitro synthesis of proteins, effects of variety of drugs on duck reticulocyte and plasmodial ribosomes in cell-free protein-synthesizing systems (restricted selectivity not obtained)

Chlortetracycline hydrochloride. See Chlortetracycline.

Chloxyle. See 1,4-Bis (trichloromethyl) benzene.

Chromomycin
Williamson, J.; and Scott-Finnigan, T. J., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (1), 1-2 [Demonstration]
Trypanosoma congolense, in vitro testing of antiviral and antitumor compounds with possible trypanicidal effects, probable RNA inhibition

Ciafos -- 4-Cyanophenyl dimethyl phosphorothionate; Cyanophos.

Cyanophos
Roulston, W. J.; et al., 1977, Austral. J. Agric. Research, v. 28 (2), 345-354
Boophilus microplus, characterization of three strains of organophosphorus-resistant cattle ticks, resistance to organophosphorus and carbamate acaricides: Bajool, Tully and Ingham, northern Queensland

Cyanophos
Stone, B. F.; Wilson, J. T.; and Youlton, N. J., 1976, Austral. J. Biol. Sc., v. 29 (3), 251-263
Boophilus microplus, 3 strains, linkage and dominance characteristics of genes for resistance to organophosphorus acaricides and allelic inheritance of decreased brain cholinesterase activity

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Ciclobendazole. See Cyclobendazole.

Cinchona
Guerra, F., 1977, J. Trop. Med. and Hyg., v. 80 (6), 112-118
introduction of cinchona in treatment of human malaria, early historical review

Cinchona
Guerra, F., 1977, J. Trop. Med. and Hyg., v. 80 (7), 135-140
Plasmodium, introduction of cinchona in the treatment of human malaria, historical review

Cinchoninic acid esters and amides
Ibrahim, E. S. A.; Chaaban, I.; and El-Khawass, S. M., 1977, Pharmazie, v. 32 (3), 155-156
synthesis of several new compounds as potential amoebicides

Ciodrin. See Crotoxyphos.

Ciovap. See Crotoxyphos or Dichlorvos.

Citarin. See Tetramisole.

Citarin-L. See Tetramisole.

Citarin L Spot-On. See Tetramisole.

m-CLAM. See m-Chlorobenzhydroxamic acid.

Clenpyrin -- Bimarit; 1-Butyl-2-(3,4-dichlorophenylimino)-pyrrolidine; 2-(3,4-Dichlorophenylimino)-1-butyl-pyrrolidine; Vb 6896.

Clenpyrin (Bimarit)
Gothe, R.; and Hartig, M., 1976, Zentralbl. Vet.-Med., Reihe B, v. 23 (3), 243-254
Boophilus microplus, organophosphorus-resistant strains, clenpyrin, chlordimeform, and chlormethiuron active

Clenpyrin (Bimarit)
Rawlins, S. C.; and Mansingh, A., 1977, PANS, v. 23 (2), 137-142
Boophilus microplus, Jamaican strain, susceptibility to 35 acaricides, carbamates more effective than organophosphates or formamidines, chlorinated hydrocarbons least effective, comparison of resistance pattern with susceptible and resistant Australian strains

Clenpyrin
Roulston, W. J.; et al., 1977, Austral. J. Agric. Research, v. 28 (2), 345-354
Boophilus microplus, characterization of three strains of organophosphorus-resistant cattle ticks, resistance to organophosphorus and carbamate acaricides: Bajool, Tully and Ingham, northern Queensland

Cleocin. See Clindamycin.

Clindamycin -- 7-Chlorolincomycin; Cleocin; Clindamycin hydrochloride; U-21.

Clindamycin
Dubey, J. P.; and Yeary, R. A., 1977, Canad. Vet. J., v. 18 (3), 51-57
Toxoplasma gondii, cats (exper.), 2-sulfamoyl-4,4-diaminodiphenylsulfone, sulfadiazine and pyrimethamine (not reliable); clindamycin (might be effective)

Clindamycin hydrochloride
Duma, R. J.; and Finley, R., 1976, Antimicrob. Agents and Chemotherapy, v. 10 (2), 370-376
Naegleria fowleri, Acanthamoeba castellanii, A. polyphaga, in vitro susceptibility to variety of therapeutic agents, results suggest that amphotericin B is most effective agent against Naegleria but few agents are effective against Acanthamoeba

Clindamycin
Hill, J., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 421-427
Plasmodium berghei nigeriensis, screening compounds for causal prophylactic activity, 2 methods for testing compounds against tissue stages (one for compounds with little or no residual effect and one for those with prolonged residual effect), 9 compounds examined

Clindamycin
Jacobs, R. L.; and Koontz, L. C., 1976, Exper. Parasitol., v. 40 (1), 116-123
Plasmodium berghei, mice, induction of resistance to clindamycin and minocycline, cross-resistance patterns and other characteristics of resistant strains

Clindamycin
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

Clindamycin
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

Clindamycin (U-21)
Powers, K. G.; Aikawa, M.; and Nugent, K. M., 1976, Exper. Parasitol., v. 40 (1), 13-24
Plasmodium knowlesi in rhesus monkeys, clinical and morphologic effects of clindamycin and its N-demethyl-4'-pentyl analog

Clindamycin -- Continued.

Cleocin
Roberts, C. O.; Chaparas, S. D.; and McLaughlin, D., 1976, J. Protozool., v. 23 (2), 34A [Abstract]
Toxoplasma gondii, mammalian and avian cell cultures tested to determine ability to support growth and plaque induction, inhibition of plaque formation by lincocin, sulfisoxazole, cleocin, and aureomycin and by antitoxoplasma antibody

Cleocin
Roberts, C. O.; Chaparas, S. D.; and McLaughlin, D., 1976, Tr. Am. Micr. Soc., v. 95 (3), 470-482
Toxoplasma gondii, plaque assay technique used to (1) select best tissue culture system for studying progress of infection, (2) assess effect of drugs and antibiotics, (3) observe effect of immune sera on tissue culture infection, and (4) investigate cellular hypersensitivity by in vivo and in vitro systems

Clindamycin
Sherman, I. W.; and Jones, L. A., 1976, J. Protozool., v. 23 (2), 277-281
Plasmodium lophurae, reliable procedure for isolation of active ribosomes, optimal requirements for in vitro synthesis of proteins, effects of variety of drugs on duck reticulocyte and plasmodial ribosomes in cell-free protein-synthesizing systems (restricted selectivity not obtained)

Clindamycin hydrochloride. See Clindamycin.

Clioxanide -- 2-Acetoxy-4-chloro-3,5-diiodobenzanilide; Tremerad.

Clioxanide (Tremerad)
Chhabra, R. C.; and Bali, H. S., 1976, J. Research, Punjab Agric. Univ., v. 13 (2), 226-231
amphistomes in cattle and buffaloes, drug efficacy under field conditions, oxyclozanide (most effective), clioxanide (good results), niclosamide, niclofolan and hexachlorophene (least effective): Punjab, India

Clioxanide (Tremerad)
Chhabra, R. C.; Bali, H. S.; and Toor, L. S., 1976, J. Research, Punjab Agric. Univ., v. 13 (3), 308-311
gastrointestinal strongyles in sheep, critical drug evaluation, thiabendazole (most effective), tetramisole (good results), morantel tartrate (fair results), clioxanide and methyridine (least effective): India

Clioxanide
Foreyt, W. J.; and Todd, A. C., 1976, J. Wildlife Dis., v. 12 (3), 361-366
Fascioloides magna in Odocoileus virginianus, hexachlorophene, nitroxynil, and rafoxanide partially successful; hexachloroethane, clioxanide, and diamphenethide not effective

Clioxanide -- Continued.

Clioxanide
Stammers, B. M., 1975, Ztschr. Parasitenk., v. 47 (2), 145-150
Fasciola hepatica, disruption of spermatogenesis, known fasciolicides and other anthelmintics tested

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Clociguanil HCl
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

Clociguanil HCl
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

Clociguanil HCl
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

Clofibrate -- Ethyl-p-chlorophenoxyisobutyrate.

Ethyl-p-chlorophenoxyisobutyrate
Clarkson, A. B., jr., 1975, J. Protozool., v. 22 (3), 21A-22A [Abstract]
Trypanosoma equiperdum, L-alpha-glycerophosphate oxidase activity in microbodies, 4 drugs known to alter microbody function and/or morphology in mammalian cells had no detectable effect on course of T. equiperdum parasitemia

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Clont. See Metronidazole.

Clopidol. See Meticlorpindol.

Clorochine. See Chloroquine.

Clotrimazole -- Bay b 5097; Bis-phenyl-(2-chlorphenyl)-1-imidazolyl-methane; Canesten; 23253 RP.

Clotrimazole -- Continued.

Clotrimazole
Duma, R. J.; and Finley, R., 1976, Antimicrob. Agents and Chemotherapy, v. 10 (2), 370-376
Naegleria fowleri, Acanthamoeba castellanii, A. polyphaga, in vitro susceptibility to variety of therapeutic agents, results suggest that amphotericin B is most effective agent against Naegleria but few agents are effective against Acanthamoeba

Clotrimazole (Canesten)
Nagington, J.; and Richards, J. E., 1976, J. Clin. Path., v. 29 (7), 648-651
in vitro testing of 24 compounds (9 found promising) for possible cysticidal activity against Acanthamoeba polyphaga and A. castellanii (2 strains), comparison with results with Naegleria gruberi

Clotrimazole (Bay b 5097; Canesten)
Pardini, A.; and Pomponi, B., 1975, Minerva Ginec., v. 27 (4), 348-351
human Trichomonas vaginalis vaginitis, treatment trials using clotrimazole, good results

Canesten (Clotrimazole)
Szarmach, H.; et al., 1976, Przegl. Dermat., v. 63 (6), 819-822
Trichomonas vaginalis, in vitro trials, good trichomonicidal effects with canesten

Clotrimazole
Visvesvara, G. S.; Healy, G. R.; and Jones, D. B., 1976, J. Protozool., v. 23 (2), 18A [Abstract]
Acanthamoeba spp., in vitro activity of several chemotherapeutic agents

Canesten (Clotrimazole; Bay b 5097; 23253 RP)
Zawadzki, J., 1977, Przegl. Lek., v. 34 (4), 445-447
Trichomonas vaginalis, canesten used alone or simultaneously with metronidazole in women with vaginitis, less complications after gynecological surgery if treated prophylactically prior to surgery

Coban. See Monensin.

Coban 45. See Monensin.

Coccidiostats. See Anticoccidials.

Coccidot. See Dinitolmide.

Codrinal. See Tetracycline or β-Toluenesulfonyl-β-methoxy-ethyl urethane sodium.

Combantrin. See Pyrantel.

Combiotic. See Dihydrostreptomycin or Penicillin.

Combot. See Trichlorfon.

Compound "E". See (Diamino-4,6-triazinyl-1,3,5-amino-2)-4-phenyl-arsino di (D-thio-3-amino-2-methyl-3-butyric acid) or 2-[2-(4-Hydroxyphenyl)-6-benzimidazolyl]-6-(1-methyl-4-piperazyl) benzimidazole.

Concurat. See Tetramisole.

Contergan. See Thalidomide.

Coopaphene. See Hexachlorophene.

Coopers Itch Mite Dip. See Ronnel.

Cooper's Skin Dressing No. 2. See Rotenone.

Coopertox. See Toxaphene.

Copper sulfate. See Cupric sulfate.

Co Ral. See Coumaphos.

Coral. See Coumaphos.

Coralox -- Coroxon.

Coroxon
Stone, B. F.; Nolan, J.; and Schuntner, C. A., 1976, Austral. J. Biol. Sc., v. 29 (3), 265-279
Boophilus microplus, 3 strains, biochemical genetics of resistance to organophosphorus acaricides: inheritance of decreased brain acetylcholinesterase activity, inheritance of decreased AChE sensitivity, inheritance of increased detoxication

Coroxon
Stone, B. F.; Wilson, J. T.; and Youlton, N. J., 1976, Austral. J. Biol. Sc., v. 29 (3), 251-263
Boophilus microplus, 3 strains, linkage and dominance characteristics of genes for resistance to organophosphorus acaricides and allelic inheritance of decreased brain cholinesterase activity

Cordycepin -- 3'-Deoxyadenosine.

Cordycepin -- Continued.

Cordycepin
Gaborak, M.; Darling, J. L.; and Gutteridge, W. E., 1977, Nature, London (5618), v. 268, 339-340
Trypanosoma cruzi, T. dionisii, drug sensitivities of culture forms almost identical, T. dionisii could replace T. cruzi in in vitro drug screens

Cordycepin
Rane, L.; Rane, D. S.; and Kinnamon, K. E., 1976, Am. J. Trop. Med. and Hyg., v. 25 (3), 395-400
Trypanosoma rhodesiense, test system to evaluate large numbers of candidate drugs based on mortality of mice with blood-induced infections, serves as primary screen or as secondary and confirmatory test for active compounds

Cordycepin
Sherman, I. W., 1976, Comp. Biochem. and Physiol., v. 53 (4B), 447-450
Plasmodium knowlesi ribosomes, development of highly active cell-free protein synthesizing system, use in assaying antimalarials

Cordycepin
Sherman, I. W.; and Jones, L. A., 1976, J. Protozool., v. 23 (2), 277-281
Plasmodium lophurae, reliable procedure for isolation of active ribosomes, optimal requirements for in vitro synthesis of proteins, effects of variety of drugs on duck reticulocyte and plasmodial ribosomes in cell-free protein-synthesizing systems (restricted selectivity not obtained)

Cordycepin
Williamson, J.; and Macadam, R. F., 1976, Tr. Roy. Soc. Trop. Med. and Hyg., v. 70 (2), 130-137
Trypanosoma rhodesiense, effects of puromycin and its aminonucleoside, cordycepin and nucleocidin on fine structure

Cordycepin
Williamson, J.; and McLaren, D. J., 1974, J. Protozool., v. 21 (3), 453-454 [Abstract]
Trypanosoma rhodesiense, induction of cytoplasmic clefts by Puromycin, Cordycepin, and Nucleocidin, results suggest drugs may prevent uptake of required unsaturated fatty acids and promote excessive intake of saturated acids

Cordycepin
Williamson, J.; and McLaren, D. J., 1974, Tr. Roy. Soc. Trop. Med. and Hyg., v. 68 (4), 263 [Demonstration]
Trypanosoma rhodesiense in mice (exper.), cordycepin-induced cytoplasmic clefts in trypanosomes and resulting changes in fatty acid metabolism, ultrastructural studies

Cordycepin -- Continued.

Cordycepin
Williamson, J.; and Scott-Finnigan, T. J., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (1), 1-2 [Demonstration]
Trypanosoma congolense, in vitro testing of antiviral and antitumor compounds with possible trypanicidal effects, probable RNA inhibition

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Coriban. See Diamphenethide.

Coroxon. See Coralox.

Cortisone
Lechtenberg, R.; and Vaida, G. A., 1977, Neurology, v. 27 (1), 55-59
human schistosomiasis with spinal cord involvement, case reports, pathology, recommendations for surgical laminectomy for decompression and diagnosis along with prompt treatment with niridazole and cortisone: New York (previous inhabitants of Puerto Rico or Dominican Republic)

Cortisone acetate
Miyata, A., 1976, Nettai Igaku (Trop. Med.), v. 18 (3), 113-124
Toxoplasma gondii, RH and Beverley strains, attempts to change virulence using antitoxoplasma drugs and steroids, variations in mouse (exper.) survival time

Co-trimoxazole. See Sulfamethoxazole or Trimethoprim.

Coumaphos -- AM 18074 P; AMP 18074 N; Asuntol; Asuntol 50; Baymix; Chloro-coumarin-thiophosphate; 3-Chloro-4-methyl-7-coumarinyl diethyl phosphorothionate; 3 Chloro-4-methylumbelliferone, 0-ester with 0,0-diethyl phosphorothioate; Co Ral; Coral; Coumaphos crumbles; 0,0-Diethyl 0-(3-chloro-4-methyl-2-oxo-2H-1-benzopyran-7-yl) phosphorothioate; 0,0-Diethyl-0-(3-chloro-4-methyl-umbelliferyl) phosphorothioate.

Coumaphos (Co Ral)
Beat, V. B.; and Morgan, D. P., 1977, J. Am. Vet. Med. Ass., v. 170 (8), 812-814
evaluation of hazards to veterinarians using pour-on organophosphate insecticides, symptoms and clinical values monitored; no great risk, but safe-handling procedures required

Baymix
Bliss, D. H.; and Todd, A. C., 1976, Vet. Med. and Small Animal Clin., v. 71 (9), 1251-1254
parasites, cattle, increased milk production after deworming, Thibenzole, Baymix

Coumaphos
Blume, R. R.; Matter, J. J.; and Eschle, J. L., 1973, J. Med. Entom., v. 10 (6), 596-598
Haematobia irritans, horses, laboratory evaluation of five insecticides, large-cage technique

Coumaphos -- Continued.

Coumaphos
Boxler, D. J.; Shugart, J. I.; and Campbell, J. B., 1977, J. Kansas Entom. Soc., v. 50 (4), 576 [Abstract]
Haematobia irritans, cattle, dichlorvos + stirophos, encapsulated slow-release form, gel bags compared with coumaphos dust bag, neither treatment proved more effective than the other; dichlorvos gel bags gave good results

Coumaphos
Drummond, R. O.; et al., 1976, J. Econom. Entom., v. 69 (1), 37-40
Boophilus annulatus, B. microplus, acaricides, laboratory tests, spray and dip tests with cattle

Coumaphos
Drummond, R. O.; et al., 1977, J. Econom. Entom., v. 70 (2), 176-178
Hypoderma lineatum, cattle, efficacy of 5 animal systemic insecticides, log-probit analysis, good results; methoprene in drinking water did not prevent larvae from encapsulating in backs of cattle, but prevented adults from emerging from pupae: Texas

Coumaphos
Garlick, N. L., 1976, Clin. Toxicol., v. 9 (6), 981-992
Dirofilaria immitis, dogs, drug-induced shock precipitated by microfilariae, proposed hypothesis

Asuntol (Chloro-coumarin-thiophosphate)
Gonzalez, H.; et al., 1967, Bol. Chileno Parasitol., v. 22 (2), 50-52
Psoroptes equi var. ovis, asuntol in a single bath treatment ineffective in treating or preventing mange in sheep, clinical trial

Coumaphos (Asuntol 50)
Laemmler, G.; and Gruener, D., 1975, Tropenmed. u. Parasitol., v. 26 (3), 359-369
Litomosoides carinii in Mastomys natalensis (exper.), 12 organophosphorus compounds tested for efficacy against micro- and macrofilarial infections

Coumaphos (Co-Ral, Baymix)
Leland, S. E., jr.; et al., 1975, Am. J. Vet. Research, v. 36 (4), Part 1, 449-456
Cooperia punctata, in vitro-grown parasitic stages, evaluation of 28 anthelmintics using presumptive and confirmatory tests, comparison of in vitro potency with established in vivo activity against Cooperia and various other parasites, potential usefulness as preliminary screening method

Coral
Maldonado Capriles, J.; and Miro Mercado, J., 1977, J. Agric. Univ. Puerto Rico, v. 61 (3), 400-401
Ornithonyssus sylvarium, chickens (feathers), malathion, sevin, coral, good results after three consecutive treatments with coral: Adjuntas, Barrio Guayabo Dulce, Puerto Rico

Coumaphos -- Continued.

Coumaphos
Matthewson, M. D.; Wilson, R. G.; and Hammant, C. A., 1976, Bull. Entom. Research, v. 66 (4), 553-560
Boophilus decoloratus, resistance of 8 strains to organophosphorus and carbamate ixodicides, comparison with Berlin strain of B. decoloratus and Biarra strain of B. microplus: Rhodesia

Asuntol
Muchlis, A.; and Soetijono, P., 1973, Vet. Med. Rev. (2), 134-135
stephanofilariasis, hoof myiasis, cattle, Asuntol ointment, good results: northern Sulawesi, Indonesia

Asuntol (Co-Ral)
Nayar, M. A.; and Isa, J. F. W., 1973, Bull. Epizoot. Dis. Africa, v. 21 (2), 153-157
Rhipicephalus evertsi and Amblyomma variegatum larvae, highly effective

Coumaphos
Palmer, W. A., 1976?, Tech. Bull. (12), Dept. Agric. N. South Wales, 1-12
Boophilus microplus, laboratory bioassay of adults for monitoring field dips for efficiency, results show method unsuitable

Coumaphos
Rajamanickam, C.; et al., 1973, Southeast Asian J. Trop. Med. and Pub. Health, v. 4 (2), 282 [Demonstration]
Hypoderma sp. causing myiasis in recently imported herd of Santa Gertrudis cattle, treatment and prophylaxis against further spread using coumaphos spray and BHC cream: West Malaysia, imported from U.S.A.

Coumaphos
Rawlins, S. C.; and Mansingh, A., 1977, J. Econom. Entom., v. 70 (6), 697-698
Boophilus microplus, Amblyomma cajennense, and Anocentor nitens, susceptibility of Jamaican strains to various acaricides

Coumaphos (Asuntol)
Rawlins, S. C.; and Mansingh, A., 1977, PANS, v. 23 (2), 137-142
Boophilus microplus, Jamaican strain, susceptibility to 35 acaricides, carbamates more effective than organophosphates or formamidines, chlorinated hydrocarbons least effective, comparison of resistance pattern with susceptible and resistant Australian strains

Coumaphos
Roulston, W. J.; et al., 1977, Austral.J. Agric. Research, v. 28 (2), 345-354
Boophilus microplus, characterization of three strains of organophosphorus-resistant cattle ticks, resistance to organophosphorus and carbamate acaricides: Bajool, Tully and Ingham, northern Queensland

Coumaphos -- Continued.

Coumaphos (Baymix)
Silvestri G., R.; Himes, J. A.; and Edds, G. T., 1975, Am. J. Vet. Research, v. 36 (3), 283-287
sheep (adult Florida Native wethers), effect of oral administration of coumaphos alone or with trichlorfon on erythrocyte acetylcholinesterase and other blood constituents

Coumaphos + Trichlorfon
Silvestri G., R.; Himes, J. A.; and Edds, G. T., 1975, Am. J. Vet. Research, v. 36 (3), 283-287
sheep (adult Florida Native wethers), effect of oral administration of coumaphos alone or with trichlorfon on erythrocyte acetylcholinesterase and other blood constituents

Coumaphos
Silvestri G., R.; Himes, J. A.; and Edds, G. T., 1975, Am. J. Vet. Research, v. 36 (3), 289-292
sheep (ewes and wethers), interaction of coumaphos with trichlorfon, bishydroxycoumarin (an anticoagulant), or phenobarbital sodium (as possible modifier of toxicity), erythrocyte acetylcholinesterase activity and other blood values

Coumaphos + Trichlorfon
Silvestri G., R.; Himes, J. A.; and Edds, G. T., 1975, Am. J. Vet. Research, v. 36 (3), 289-292
sheep (ewes and wethers), interaction of coumaphos with trichlorfon, bishydroxycoumarin (an anticoagulant), or phenobarbital sodium (as possible modifier of toxicity), erythrocyte acetylcholinesterase activity and other blood values

AM 18074 P
Spradbery, J. P.; Sands, D. P. A.; and Bakker, P., 1976, Austral. Vet. J., v. 52 (6), 280-284
Chrysomya bezziana, cattle, comparison of insecticides AM 18074 P; AMP 18074 N; methoxychlor; EQ 335

AMP 18074 N
Spradbery, J. P.; Sands, D. P. A.; and Bakker, P., 1976, Austral. Vet. J., v. 52 (6), 280-284
Chrysomya bezziana, cattle, comparison of insecticides AM 18074 P; AMP 18074 N; methoxychlor; EQ 335

Coumaphos
Stone, B. F.; Nolan, J.; and Schuntner, C. A., 1976, Austral. J. Biol. Sc., v. 29 (3), 265-279
Boophilus microplus, 3 strains, biochemical genetics of resistance to organophosphorus acaricides: inheritance of decreased brain acetylcholinesterase activity, inheritance of decreased AChE sensitivity, inheritance of increased detoxication

Coumaphos -- Continued.

Coumaphos
Stone, B. F.; Wilson, J. T.; and Youlton, N. J., 1976, Austral. J. Biol. Sc., v. 29 (3), 251-263
Boophilus microplus, 3 strains, linkage and dominance characteristics of genes for resistance to organophosphorus acaricides and allelic inheritance of decreased brain cholinesterase activity

Coumaphos crumbles (Baymix)
Zeakes, S. J.; et al., 1976, Am. J. Vet. Research, v. 37 (6), 709-710
cattle nematodes, efficacy of coumaphos crumbles and naftalofos boluses

Coumaphos crumbles. See Coumaphos.

Coumarinophosphates
Hollo, F., 1971, Parasitol. Hungar., v. 4, 104-114
trichostrongyloidiasis in sheep causing gastro-enteritis, comparative trials of various anthelmintics showed tetramisole to be treatment of choice

Coyden. See Meticlorpindol.

Coyden 25. See Meticlorpindol.

Cozurone. See Acetarsone or Dapsone or Pyrimethamine.

Cresol -- Neo Kurehasol; Solution Bovine (with Sodium arsenite); Cresylic acid.

Neo Kurehasol
Ito, S.; et al., 1975, Japan. J. Vet. Sc., Tokyo, v. 37 (3), 229-234
Toxoplasma, strains from cats infected with Isospora bigemina, oocysticidal effect of disinfectants, alcohols, and other chemicals, only Lomasept, Neo Kurehasol, ethanol, methanol, peracetic acid, ammonia water, ammonium sulfide, and formalin were effective

Cresol, saponated
Motomura, I., 1967, Nettai Igaku (Trop. Med.), v. 9 (4), 226-243
Toxoplasma gondii, cysts and proliferative forms, in vitro survival in different concentrations of disinfectants or on incubation with digestive enzymes or bovine bile

Cresylic acid + Sodium arsenite (= Solution Bovine)
Uilenberg, G., 1975, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 28 (3), 405-408
Amblyomma variegatum, strain resistant to sodium arsenite in Madagascar, where arsenic has been used as dip for 40 years; susceptible strain from Dar-es-Salaam, Tanzania

Cresylic acid. See Cresol.

Crimidine (Castrix)
Heischkeil, R., 1974, Tropenmed. u. Parasitol., v. 25 (1), 105-115
Plasmodium vinckei, mice, purine and pyrimidine derivatives, antimetabolic activity against structurally analogous vitamins of the B complex and precursors of nucleic acids, plasmodiostatic activity compared to some standard antimalarials

Crotamiton -- N-Crotonyl-N-ethyl-o-toluidine; Eurax.

Crotamiton (Eurax)
Ahumada Padilla, M., 1976, Prensa Med. Mexicana, v. 41 (3-4), 125-127
Sarcoptes scabiei, children and adults, crotamiton cream as acaricide well tolerated with good symptomatic relief: Mexico

Crotamiton (Eurax)
Orkin, M.; Epstein, E.; and Maibach, H. I., 1976, J. Am. Med. Ass., v. 236 (10), 1136-1139
extensive review of treatment and control of human scabies and pediculosis

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N-Crotonyl-N-ethyl-o-toluidine. See Crotamiton.

Crotoxyphos -- Ciodrin; Ciovap (with Vapona); alpha-Methylbenzyl 3-(dimethoxy-phosphinyloxy)-cis-crotonate.

Crotoxyphos
Blume, R. R.; Matter, J. J.; and Eschle, J. L., 1973, J. Med. Entom., v. 10 (6), 596-598
Haematobia irritans, horses, laboratory evaluation of five insecticides, large-cage technique

Crotoxyphos (Ciodrin)
Durez, J.; and Hargot, F., 1977, Ann. Med. Vet., v. 121 (1), 59-63
psoroptic mange, cattle, high pressure spraying with crotoxyphos, good results, no residues in milk, dairy products, or meat

Crotoxyphos
Gladney, W. J., 1976, J. Econom. Entom., v. 69 (6), 757-760
insecticides, field trials in controlled-release devices for control of Amblyomma maculatum and Cochliomyia hominivorax, cattle: northeastern Starr Co., Texas

Ciodrin
Il'iashchenko, V. I., 1973, Vestnik Sel'skokhoz. Nauki Kazakhstana (11), 119-121
Psoroptes cuniculi, ciodrin, aerosol foam applied within cochlea, rabbits

Crotoxyphos -- Continued.

Crotoxyphos + Vapona (= Ciovap)
Knapp, F. W.; Christensen, C. M.; and Whiteker, M. D., 1977, J. Animal Sc., v. 45 (2), 216-218
Haematopinus suis, hogs, fenthion spot treatment, efficacy, superior to crotoxyphos + vapona

Crotoxyphos
Rawlins, S. C.; and Mansingh, A., 1977, J. Econom. Entom., v. 70 (6), 697-698
Boophilus microplus, Amblyomma cajennense, and Anocentor nitens, susceptibility of Jamaican strains to various acaricides

Crotoxyphos
Rawlins, S. C.; and Mansingh, A., 1977, PANS, v. 23 (2), 137-142
Boophilus microplus, Jamaican strain, susceptibility to 35 acaricides, carbamates more effective than organophosphates or formamidines, chlorinated hydrocarbons least effective, comparison of resistance pattern with susceptible and resistant Australian strains

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Crufomate -- 4-tert-Butyl-2-chlorophenyl methyl methylphosphoramidate; Montrel; Ruelene; Ruelene 6R; Ruelene 25E.

Crufomate
Khan, M. A., 1977, Vet. Parasitol., v. 3 (3), 217-223
Hypoderma spp., cattle, feasibility of extermination on a regional basis with systemic insecticides: Wetaskiwin County, Alberta, Canada

Crufomate (Ruelene)
Laemmler, G.; and Gruener, D., 1975, Tropenmed. u. Parasitol., v. 26 (3), 359-369
Litomosoides carinii in Mastomys natalensis (exper.), 12 organophosphorus compounds tested for efficacy against micro- and macrofilarial infections

Ruelene (Montrel)
Leland, S. E., jr.; et al., 1975, Am. J. Vet. Research, v. 36 (4), Part 1, 449-456
Cooperia punctata, in vitro-grown parasitic stages, evaluation of 28 anthelmintics using presumptive and confirmatory tests, comparison of in vitro potency with established in vivo activity against Cooperia and various other parasites, potential usefulness as preliminary screening method

Crufomate
de Matos, P. F.; and Costa, J. O., 1976, Arq. Escola Vet. Univ. Fed. Minas Gerais, v. 28 (2), 173-180
gastrointestinal helminths, horses, levamisole, haloxon, crufomate, anthelmintic efficiency

Crufomate -- Continued.

Ruelene 6R
Thornberry, H., 1976, Irish Vet. J., v. 30 (6), 83-88
Hypoderma bovis, H. lineatum, cattle, eradication trials, Dyvon-in-oil, Tiguvon, Ruelene 25E, Ruelene 6R, pour-on applications, good results: Ireland

Ruelene 25E (Crufomate)
Thornberry, H., 1976, Irish Vet. J., v. 30 (6), 83-88
Hypoderma bovis, H. lineatum, cattle, eradication trials, Dyvon-in-oil, Tiguvon, Ruelene 25E, Ruelene 6R, pour-on applications, good results: Ireland

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Cruzon. See C,C-Diallyl-bis-(4-amino-2-methyl-6-quinolyl) malonamide.

Cryptopleurine
Entner, N.; and Grollman, A. P., 1973, J. Protozool., v. 20 (1), 160-163
Entamoeba histolytica, effect of amebicidal agents on protein synthesis, correlation of drug structural characteristics with biologic activity, implications for designing drugs with increased margin of selective toxicity for parasite vs. host

Crystal violet. See Gentian violet.

CS_2. See Carbon disulfide.

Cucurbita pepo aqueous extract. See Cucurbita spp.

Cucurbita spp. -- Cucurbita pepo aqueous extract; Fugitene.

Fugitene
Junod, C., 1972, Medecine et Malad. Infect., v. 2 (10), 339-344
combined use of niclosamide and fugitene in treating human Taenia saginata, especially successful in treating recurring infections and those resistant to niclosamide alone

Cucurbita pepo aqueous extract
Sharma, L. D.; Bahga, H. S.; and Srivastava, P. S., 1971, Indian J. Animal Research, v. 5 (1), 33-38
Haemonchus contortus, sheep, goats, screening medicinal plant extracts, effective

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(E)-1-(p-Cumenyloxy)-6,7-epoxy-3,7-dimethyl-2-octene (Stauffer R-19828)
Chamberlain, W. F.; and Becker, J. D., 1977, Southwest. Entom., v. 2 (4), 179-182
Xenopsylla cheopis, inhibition of cocoon formation and adult emergence by insect growth regulators, possible means of control

Cuphen. See 3,4,7,8-Tetramethyl-1,10-phenanthroline copper chelate.

Cupric sulfate -- Copper sulfate.

Copper sulphate
Antychowicz, J., 1977, Bull. Vet. Inst. Pulawy, v. 21 (1-2), 35-43
Ichthyophthirius multifiliis, influence of copper sulphate, malachite green, methylene blue, trypan blue and Neguvon on development

Copper sulfate
Davtian, E. A.; Boiakhchian, G. A.; and Balaian, D. E., 1976, Biol. Zhurnal Armenii, v. 29 (7), 3-13
fascioliasis and cysticercosis, sheep, various aspects of pathogenesis (role of hypovitaminosis-A and mechanisms and dynamics of its origin, origin of vitamin E insufficiency, thyroid insufficiency, role of endogenous copper insufficiency, interaction of copper sulfate with vitamins A and E); possible use of copper sulfate as treatment

Copper sulphate
Hubert, W. A.; and Warner, M. C., 1975, J. Wildlife Dis., v. 11 (2), 241-244
Epistylis, channel catfish, bioassays of potential control chemicals, salt alone and combined with formalin most effective: experimental raceways, Gallatin, Tennessee

Copper sulfate
Pandey, V. K.; Tripathy, S. B.; and Dey, P. C., 1977, Indian J. Animal Health, v. 16 (1), 91-92
Stephanurus dentatus, pigs (kidneys, bronchi), case history, pathology, post mortem examination, preventive measures and treatment with piperazine adipate and copper sulfate

Copper sulphate
Qadir, A. N. M. A., 1976, Indian Vet. J., v. 53 (6), 448-450
Haemonchus sp., Trichostrongylus sp., Oesophagostomum sp., larvicidal action of 4 chemical compounds on infective nematode larvae in experimental outdoor plots; urea most effective

Copper sulfate
Roegge, M. A.; Rutledge, W. P.; and Guest, W. C., 1977, Aquaculture, v. 12 (2), 137-140
Zoothamnium sp. on larval Macrobrachium acanthurus, chemical control: copper sulfate, dylox, methylene blue, terramycin, combiotic, potassium permanganate, Roccal, nitrofurazone, and malachite green showed little control or were toxic to larvae; formalin at 50 ppm gave complete control and had no ill effects on larvae: aquaculture, Kerr County, Texas

Copper sulphate
Singh, K.; and Dutta, G. P., 1976, Indian J. Med. Research, v. 64 (8), 1185-1191
action of metabolic inhibitors on Entamoeba histolytica in axenic culture

Cupric sulfate -- Continued.

Copper sulfate + Phenothiazine salt
Smychkov, A. S., 1976, Sborn. Nauch. Rabot. SibNIVI, Sibirsk. Nauchno-Issled. Vet. Inst. (26), 129-134
Moniezia expansa, M. benedeni, Thysaniezia giardi, pastured sheep, long-term treatment with a mixture of copper sulfate-phenothiazine salt, influence of host age and seasonal distribution on incidence and intensity of infection

Copper sulfate
Zielinski, J., 1972, Med. Wet., v. 28 (9), 566-567
parasites, sheep, Nilverm, copper sulfate

Cyacetazide. See Cyanoacetic acid hydrazide.

Cyanacethydrazide. See Cyanoacetic acid hydrazide.

Cyanoacetic acid hydrazide -- Certuna; Cyacetazide; Cyanacethydrazide; Cyazid; Dictycide.

Cyazid
Epel'dimov, L. S.; and Shchelkanov, K. G., 1976, Sborn. Nauch. Rabot. SibNIVI, Sibirsk. Nauchno-Issled. Vet. Inst. (26), 116-122
dictyocaulosis, sheep treated with anthelmintics, histological changes

Cyanacethydrazide (Certuna)
Kassai, T.; et al., 1973, Isotopes and Radiation Parasitol. III, 51-60
Dictyocaulus filaria, sheep and goats, laboratory investigation of immunity induced by irradiated vs. non-irradiated larvae, marked resistance following infection with normal larvae, irradiated larvae failed to prevent re-infection in sheep but did in 3 of 5 goats; sheep, field trials of radiation attenuated vaccine compared to efficacy of anthelmintic treatment, no protection shown in vaccinated sheep

Cyacetazide (Dictycide)
Stockdale, P. H. G.; and Smart, M. E., 1975, Research Vet. Sc., v. 18 (2), 178-181
Crenosoma vulpis, dogs (exper.), treatment with levamisole, diethylcarbamazine, thiacetarsamide, and cyacetazide (from most to least effective), pulmonary lesions

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1-(3-Cyanobenzyl)-6-azauracil
Mylari, B. L.; et al., 1977, J. Med. Chem., v. 20 (4), 475-483
Eimeria spp. in chickens, 1-benzyl-6-azauracils as potential new anticoccidials, comparison trials with several experimental and commercial anticoccidials

4-Cyano-2-iodo-6-nitrophenol. See Nitroxynil.

4-Cyanophenyl dimethyl phosphorothionate. See Ciafos.

Cyanophos. See Ciafos.

Cyazid. See Cyanoacetic acid hydrazide.

Cyazon
Epel'dimov, L. S.; and Shchelkanov, K. G., 1976, Sborn. Nauch. Rabot. SibNIVI, Sibirsk. Nauchno-Issled. Vet. Inst. (26), 116-122
dictyocaulosis, sheep treated with anthelmintics, histological changes

Cyclobendazole -- Ciclobendazole; Methyl-5-cyclopropylcarbonyl-2-benzimidazole carbamate.

Ciclobendazole
Brodie, R. R.; et al., 1977, Arzneimittel-Forsch., v. 27 (3), 593-598
^{14}C-labelled ciclobendazole as anthelminthic, rats and dogs, retention and secretion of radioactivity as measure of localization, retention, metabolism and secretion of drug

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1,2-Cyclobutanediamines
Sturm, P. A.; et al., 1977, J. Med. Chem., v. 20 (10), 1327-1333
Litomosoides carinii in gerbils (exper.), laboratory trials with cis- and trans-1,2-cyclobutanediamines as analogues of diethylcarbamazine showed no activity as antifilarial agents

Cycloguanil -- Camolar; Cycloguanil hydrochloride; Cycloguanil pamoate.

Cycloguanil
Bell, D. R.; and Howells, R. E., 1973, Ann. Trop. Med. and Parasitol., v. 67 (1), 1-14
malaria, blood film and spleen examination results in relation to age, chloroquine and cycloguanil sensitivity of Plasmodium falciparum; Schistosoma haematobium, prevalence and intensity in relation to age and sex: Malumfashi District, North Central State of Nigeria

Cycloguanil pamoate (Camolar)
Crane, G. G.; Hudson, P.; and Hudson, B. E. T., 1973, Papua N. Guinea Med. J., v. 16 (1), 46-49
significant reduction of symptoms of human tropical splenomegaly syndrome after suppressive doses of antimalarials: Papua New Guinea

Cycloguanil (Camolar)
Djudovic, P.; et al., 1976, Pharmazie, v. 31 (12), 845-849
quinoline-3-, 6-methoxyquinoline-3-, and quinoxaline-2-derivatives, synthesis, activity against drug-sensitive and resistant strains of Plasmodium spp. in white mice and canaries, comparison with known antimalarials

Cycloguanil -- Continued.

Cycloguanil hydrochloride
  Fink, E.; et al., 1973, Prog. Med., Paris, v. 101 (7), 281 [Abstract]
    Plasmodium berghei yoelii, mice (exper.), establishment of mean causal prophylactic dose of selected antimalarial and experimental compounds

Cycloguanil
  Heischkeil, R., 1973, Ztschr. Tropenmed. u. Parasitol., v. 24 (4), 505-516
    Plasmodium vinckei, chemotherapeutic activity of selected antagonists of folic acid metabolism with special reference to structure-activity relationships, comparison with some standard antimalarials; some compounds also exert noxious effect on host

Cycloguanil pamoate
  Hill, J., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 421-427
    Plasmodium berghei nigeriensis, screening compounds for causal prophylactic activity, 2 methods for testing compounds against tissue stages (one for compounds with little or no residual effect and one for those with prolonged residual effect), 9 compounds examined

Cycloguanil
  McHardy, N.; Haigh, A. J. B.; and Dolan, T. T., 1976, Nature, London (5562), v. 261, 698-699
    Theileria parva, drug screening in vitro, only Menoctone showed appreciable activity, subsequent tests in cattle artificially infected with ECF confirmed activity of Menoctone against the disease, mode of action not clear but seems to act against schizont or earlier stages and probably along a widely occurring biochemical pathway

Cycloguanil HCl
  Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
    Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

Cycloguanil
  Palmer, R. M. J.; and Weatherall, M., 1977, Brit. J. Pharmacol., v. 59 (3), 472P
    anti-malarial drugs, migration of horse leucocytes in vitro, inhibition of migration is specific to neither anti-malarial activity nor chemical structure

Cycloguanil HCl
  Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
    Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

Cycloguanil -- Continued.

Cycloguanil hydrochloride
  Peters, W.; and Porter, M., 1976, Ann. Trop. Med. and Parasitol., v. 70 (3), 271-281
    Plasmodium berghei, drug trials with mice comparing activity of WR 122,455 against drug resistant strains with activity of common antimalarials

Cycloguanil HCl
  Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
    Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

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Cycloguanil hydrochloride. See Cycloguanil.

Cycloguanil pamoate. See Cycloguanil.

Cycloheptan-(spiro-5)-hydantoin
  Heischkeil, R., 1973, Ztschr. Tropenmed. u. Parasitol., v. 24 (4), 505-516
    Plasmodium vinckei, chemotherapeutic activity of selected antagonists of folic acid metabolism with special reference to structure-activity relationships, comparison with some standard antimalarials; some compounds also exert noxious effect on host

2-(Cyclohexane-carbonyl)-4-oxo-1.2.3.6.7.11 b-hexahydro-4H-pyrazino [2,1-a]-isoquinoline. See Praziquantel.

Cyclohexane carboxylic acid-N-methyl piperazide citrate (= HOE 28637a)
  Laemmler, G.; and Gruener, D., 1976, Berl. u. Munchen. Tierarztl. Wchnschr., v. 89 (11), 222-225; (12), 229-233
    Capillaria hepatica in Mastomys natalensis, comparative activity of 24 anthelmintics, possible model screening system

Cyclohexan-(spiro-5)-hydantoin
  Heischkeil, R., 1973, Ztschr. Tropenmed. u. Parasitol., v. 24 (4), 505-516
    Plasmodium vinckei, chemotherapeutic activity of selected antagonists of folic acid metabolism with special reference to structure-activity relationships, comparison with some standard antimalarials; some compounds also exert noxious effect on host

Cycloheximide
  Dixon, H., 1974, J. Protozool., v. 21 (3), 450 [Abstract]
    Crithidia fasciculata, effect of inhibitors of bacterial protein synthesis

Cycloheximide
Entner, N.; and Grollman, A. P., 1973, J. Protozool., v. 20 (1), 160-163
Entamoeba histolytica, effect of amebicidal agents on protein synthesis, correlation of drug structural characteristics with biologic activity, implications for designing drugs with increased margin of selective toxicity for parasite vs. host

Cycloheximide (Actidione)
Hanna, R. E. B.; and Threadgold, L. T., 1976, Exper. Parasitol., v. 39 (1), 106-114
Fasciola hepatica tissue slices, stereological analysis of effects of metabolic inhibitors on production and distribution of Type 1 secretory bodies in tegument

Cycloheximid (Acti-dione)
Heischkeil, R., 1973, Ztschr. Tropenmed. u. Parasitol., v. 24 (4), 505-516
Plasmodium vinckei, chemotherapeutic activity of selected antagonists of folic acid metabolism with special reference to structure-activity relationships, comparison with some standard antimalarials; some compounds also exert noxious effect on host

Cycloheximide
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

Cycloheximide
Sherman, I. W., 1974, J. Protozool., v. 21 (3), 452 [Abstract]
Plasmodium knowlesi cell-free system, requirements for optimum protein synthesis, effect of various drugs

Cycloheximide
Sherman, I. W., 1976, Comp. Biochem. and Physiol., v. 53 (4B), 447-450
Plasmodium knowlesi ribosomes, development of highly active cell-free protein synthesizing system, use in assaying antimalarials

Cycloheximide
Sherman, I. W.; and Jones, L. A., 1976, J. Protozool., v. 23 (2), 277-281
Plasmodium lophurae, reliable procedure for isolation of active ribosomes, optimal requirements for in vitro synthesis of proteins, effects of variety of drugs on duck reticulocyte and plasmodial ribosomes in cell-free protein-synthesizing systems (restricted selectivity not obtained)

Cycloheximide
Warhurst, D. C.; Homewood, C. A.; and Baggaley, V. C., 1974, Ann. Trop. Med. and Parasitol., v. 68 (3), 265-281
Plasmodium berghei, erythrocytic forms in vitro, technique for study of autophagic vacuole formation (pigment clumping), effect of chloroquine alone or with various cytotoxic drugs

2-Cyclohexylcarbonyl-1,3,4,6,7,11b-hexahydro-2H-pyrazino [2,1-a] isoquinolin-4-one. *See* Praziquantel.

Cyclophosphamide -- Cytoxan; Endoxan.

Cyclophosphamide (Cytoxan)
Campbell, W. C.; and Blair, L. S., 1975, J. Parasitol., v. 61 (6), 1116-1117
Trichinella spiralis, failure to confirm reported lethal effect of cytotoxic drugs on encapsulated larvae in mice

Cyclophosphamid
Clarkson, A. B., jr., 1975, J. Protozool., v. 22 (3), 21A-22A [Abstract]
Trypanosoma equiperdum, L-alpha-glycerophosphate oxidase activity in microbodies, 4 drugs known to alter microbody function and/or morphology in mammalian cells had no detectable effect on course of T. equiperdum parasitemia

Endoxan
De Rosa, F.; and Giunta, S., 1972, Parassitologia, v. 14 (2-3), 287-292
Echinococcus granulosus, experimentally infected mice, chemotherapeutic screening, quantitative method, negative results with chloroquine, Lucanthone, Astiban and Endoxan

Cyclophosphamide
Finerty, J. F.; and Krehl, E. P., 1976, Infect. and Immun., v. 14 (4), 1103-1105
Plasmodium berghei yoelii, mice, protection from lethal infection by pretreatment with cyclophosphamide, development of resistance preceded by increased hypersensitivity demonstrated by delayed footpad swelling technique

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Cycloquine. *See* Haloquine.

Cycostat. *See* Robenidine.

Cyflee. *See* O,O-Dimethyl O-p-sulfamoylphenyl phosphorothioate.

Cypermethrin + Chlorfenvinphos + Bromophos-ethyl
Nolan, J.; and Bird, P. E., 1977, J. Austral. Entom. Soc., v. 16 (3), 252
Boophilus microplus, organophosphorus-resistant strains, effective control of ticks with addition of small quantities of synthetic pyrethroids to organophosphorus acaricides; coefficients of co-toxicity

Cytarabine -- Ara-C; Cytosine arabinoside.

Cytosine arabinoside
Heischkeil, R., 1974, Tropenmed. u. Parasitol., v. 25 (1), 105-115
Plasmodium vinckei, mice, purine and pyrimidine derivatives, antimetabolic activity against structurally analogous vitamins of the B complex and precursors of nucleic acids, plasmodiostatic activity compared to some standard antimalarials

Cytarabine -- Continued.

Cytosine arabinoside (Ara-C)
  Pfefferkorn, E. R.; and Pfefferkorn, L. C., 1976, J. Parasitol., v. 62 (6), 993-999
    Toxoplasma gondii, adenine arabinoside inhibits DNA synthesis, more inhibitory to parasite than to cultured human fibroblast host cells, selection of single-step resistant mutant; cytosine arabinoside notably more inhibitory to cultured human cells than to T. gondii

Cythioate. See O,O-Dimethyl O-p-sulfamoylphenyl phosphorothioate.

Cytosine arabinoside. See Cytarabine.

Cytoxan. See Cyclophosphamide.

Dactinomycin -- Actinomycin D.

Actinomycin-D
Bonner, T. P.; and Buratt, M., 1976, Internat. J. Parasitol., v. 6 (4), 289-294
Nippostrongylus brasiliensis, inhibition of development and infectivity by actinomycin-D, supports hypothesis that infection is dependent upon new gene expression, i.e., transcription

Actinomycin D
Entner, N.; and Grollman, A. P., 1973, J. Protozool., v. 20 (1), 160-163
Entamoeba histolytica, effect of amebicidal agents on protein synthesis, correlation of drug structural characteristics with biologic activity, implications for designing drugs with increased margin of selective toxocity for parasite vs. host

Actinomycin D
Hill, G. C.; and Bonilla, C. A., 1974, J. Protozool., v. 21 (5), 632-638
Crithidia fasciculata, isolation of DNA-dependent RNA polymerases, purified nuclear and kinetoplast DNA can serve as templates for these RNA polymerases, this RNA synthesis is inhibited by several trypanocidal drugs, hybridization experiments revealed no homologies between Blastocrithidia culicis and Crithidia fasciculata K-DNA

Actinomycin D
Warhurst, D. C.; Homewood, C. A.; and Baggaley, V. C., 1974, Ann. Trop. Med. and Parasitol., v. 68 (3), 265-281
Plasmodium berghei, erythrocytic forms in vitro, technique for study of autophagic vacuole formation (pigment clumping), effect of chloroquine alone or with various cytotoxic drugs

Actinomycin D
Williamson, J.; and Scott-Finnigan, T. J., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (1), 1-2 [Demonstration]
Trypanosoma congolense, in vitro testing of antiviral and antitumor compounds with possible trypanicidal effects, probable RNA inhibition

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Daias P. See Kainic acid or Santonin.

Daimeton. See Sulfamonomethoxine.

Dapsone -- Cozurone (with Acetarsol and Pyrimethamine); DDS; Diaminodiphenylsulfone; 4,4'-Diaminodiphenylsulfone; Diaminodiphenylsulphone; Maloprim (with Pyrimethamine); WR 448.

Dapsone + Proguanil
Black, R. H., 1973, Med. J. Australia, v. 1 (26), 1265-1270
statistical survey of malaria prevalence in Australian army in South Vietnam; successful use of proguanil in conjunction with dapsone for chloroquine-resistant Plasmodium falciparum strain

Dapsone -- Continued.

Dapsone
Black, R. H.; and Ray, A. P., 1977, Ann. Trop. Med. and Parasitol., v. 71 (2), 131-139
Plasmodium berghei-infected mice (exper.), potentiation of therapeutic effects of proguanil and pyrimethamine by dapsone

Dapsone + Pyrimethamine (= Maloprim)
Bruce-Chwatt, L. J., 1976, Munchen. Med. Wchnschr., v. 118 (35), 1097-1107
current recommendations for prophylaxis and control of human malaria

4,4'-Diaminodiphenylsulfone (DDS)
Cenedella, R. J.; and Saxe, L. H., 1971, Am. J. Trop. Med. and Hyg., v. 20 (4), 530-534
attempted evaluation of extent to which DDS inhibits glucose utilization by parasite in Plasmodium berghei infected mice, partial reversal of antimalarial activity of drug by induced hyperglycemia in host

Dapsone (WR 448)
Davidson, D. E., jr.; et al., 1976, Am. J. Trop. Med. and Hyg., v. 25 (1), 26-33
Plasmodium cynomolgi var. bastianellii, trophozoite-induced malaria in Macaca mulatta as antimalarial drug testing system

Diaminodiphenylsulfone
Ferone, R., 1973, J. Protozool., v. 20 (3), 459-464
Plasmodium berghei, synthesis of dihydropteroate and dihydrofolate, some properties of enzymes involved, enzymic synthesis of dihydropteroate inhibited by several sulfonamides and diaminodiphenylsulfone

DDS
Fink, E.; et al., 1973, Prog. Med., Paris, v. 101 (7), 281 [Abstract]
Plasmodium berghei yoelii, mice (exper.), establishment of mean causal prophylactic dose of selected antimalarial and experimental compounds

Dapsone (+ Quinine sulfate and Pyrimethamine)
Hall, A. P.; Arnold, J. D.; and Martin, D. C., 1974, Southeast Asian J. Trop. Med. and Pub. Health, v. 5 (1), 128-131
human falciparum malaria, clinical trials comparing quinine and chloroquine regimens (both drugs given with associated pyrimethamine and sulfa) in U.S. troops in Vietnam and volunteers in the United States; combinations using quinine most successful

Dapsone (+ Quinine sulfate and Sulfisoxazole)
Hall, A. P.; Arnold, J. D.; and Martin, D. C., 1974, Southeast Asian J. Trop. Med. and Pub. Health, v. 5 (1), 128-131
human falciparum malaria, clinical trials comparing quinine and chloroquine regimens (both drugs given with associated pyrimethamine and sulfa) in U.S. troops in Vietnam and volunteers in the United States; combinations using quinine most successful

Dapsone -- Continued.

Diaminodiphenylsulphone (Dapsone; DDS)
Laing, A. B. G.; Gooi, H. C.; and Gelber, R. H., 1974, Tr. Roy. Soc. Trop. Med. and Hyg., v. 68 (2), 165-166 [Letter]
Plasmodium malariae in man being treated for leprosy with dapsone, apparent quartan malarial dapsone-resistant strain

Dapsone
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

Dapsone + Pyrimethamine
Pearlman, E. J.; Thiemanun, W.; and Castaneda, B. F., 1975, Am. J. Trop. Med. and Hyg., v. 24 (6, pt. 1), 901-909
Plasmodium falciparum, P. vivax, chemosuppressive field trials testing efficacy of diformyldapsone alone and in combination with pyrimethamine, comparisons with dapsone and pyrimethamine: Thailand

Dapsone
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

Dapsone
Peters, W.; and Porter, M., 1976, Ann. Trop. Med. and Parasitol., v. 70 (3), 271-281
Plasmodium berghei, drug trials with mice comparing activity of WR 122,455 against drug resistant strains with activity of common antimalarials

Dapsone
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

Dapsone + Pyrimethamine (= Maloprim)
Ponnampalam, J. T.; Seow, C. L.; and Roy, O. S., 1976, J. Trop. Med. and Hyg., v. 79 (10), 220-225
human malaria prophylaxis, controlled study comparing efficacy of dapsone combined with pyrimethamine (Maloprim) to that of chloroquine for use in long-term chemosuppression of infection: Malaysia

Dapsone -- Continued.

Diaminodiphenylsulphone + Pyrimethamine (= Maloprim)
Segal, H. E.; et al., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (1), 139-142
Plasmodium falciparum in humans, clinical trials comparing efficacy of diaminodiphenylsulphone + pyrimethamine and sulfadoxine + pyrimethamine: Northeast Thailand

Dapsone
Sherman, I. W., 1976, Comp. Biochem. and Physiol., v. 53 (4B), 447-450
Plasmodium knowlesi ribosomes, development of highly active cell-free protein synthesizing system, use in assaying antimalarials

Dapsone + Pyrimethamine
Tin, F.; and Nyunt Hlaing, 1977, Southeast Asian J. Trop. Med. and Pub. Health, v. 8 (1), 104-112
Plasmodium falciparum, humans, proposed new treatment regimens for recently discovered infections resistant to standard doses of chloroquine, pyrimethamine, and proguanil: Burma

Dapsone + Pyrimethamine + Acetarsol (=Cozurone)
Vassiliades, G.; and Toure, S. M., 1975, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 28 (4), 481-489
digestive strongylosis, sheep, morantel tartrate, with or without anticoccidian drug (Cozurone), good control of all except Strongyloides

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Daraclor. *See* Chloroquine or Pyrimethamine.

Daraprim. *See* Pyrimethamine.

Darvisul. *See* Diaveridine or Sulfaquinoxaline.

Daunorubicin
Williamson, J.; and Scott-Finnigan, T. J., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (1), 1-2 [Demonstration]
Trypanosoma congolense, in vitro testing of antiviral and antitumor compounds with possible trypanicidal effects, probable RNA inhibition

Dazomet -- Basamid; Tetrahydro-3,5-dimethyl-2h-1,3,5-thiadiazine-2-thione.

Basamid (Dazomet)
Burden, D. J.; et al., 1976, J. Hyg., Cambridge, v. 77 (3), 377-382
Trichuris trichiura in humans, soil fumigants applied to contaminated soil of no value in killing parasite ova, eggs on untreated soil had only 20% viability after 18 months; difetarsone equally unsuccessful in treatment of children thought to be source of contaminated soil: Great Britain

Dazomet -- Continued.

Basamid + Chloropicrin
Burden, D. J.; et al., 1976, J. Hyg., Cambridge, v. 77 (3), 377-382
Trichuris trichiura in humans, soil fumigants applied to contaminated soil of no value in killing parasite ova, eggs on untreated soil had only 20% viability after 18 months; difetarsone equally unsuccessful in treatment of children thought to be source of contaminated soil: Great Britain

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DDS. See Dapsone.

DDT -- Chlorophenothane; Lodfenfos; Neocid.

DDT
Cheong, W. H., 1964, Med. J. Malaya, v. 19 (1), 62-63
resistance of Cimex hemipterus to DDT and dieldrin; sensitivity to malathion: Malaysia

Neocid (Lodfenfos)
Greco, V.; and Saly, A., 1976, Veterinarstvi, v. 26 (6), 258-259
Haematopinus suis, swine, testing of several insecticides

DDT (Chlorophenothane)
Orkin, M.; Epstein, E.; and Maibach, H. I., 1976, J. Am. Med. Ass., v. 236 (10), 1136-1139
extensive review of treatment and control of human scabies and pediculosis

ppDDT
Rawlins, S. C.; and Mansingh, A., 1977, J. Econom. Entom., v. 70 (6), 697-698
Boophilus microplus, Amblyomma cajennense, and Anocentor nitens, susceptibility of Jamaican strains to various acaricides

DDT
Rawlins, S. C.; and Mansingh, A., 1977, PANS, v. 23 (2), 137-142
Boophilus microplus, Jamaican strain, susceptibility to 35 acaricides, carbamates more effective than organophosphates or formamidines, chlorinated hydrocarbons least effective, comparison of resistance pattern with susceptible and resistant Australian strains

DDT
Rosales Perez, S.; and Jimenez Brito, G., 1969, Med. Cutan., v. 4 (3), 35-38
clinical aspects of dermatitis caused by trombiculid larvae, differential diagnosis, complications, treatment with DDT and benzyl benzoate: Mexico

DDT -- Continued.

DDT
Steinberg, M.; et al., 1971, J. Med. Entom., v. 8 (1), 68-72
body lice, human, comparison of Mobam and malathion; susceptibility of natural population of body lice to DDT, lindane, malathion, and Mobam (filter paper method); comparison of susceptibility of wild and laboratory-reared colonies of lice to DDT, lindane, and malathion: Korea

DDT
Thaung, U.; Khai Ming, C.; and Myint Thein, 1975, Southeast Asian J. Trop. Med. and Pub. Health, v. 6 (4), 555-561
Xenopsylla cheopis, X. astia, flea vectors of human plague, rodent-vector survey, seasonal distribution, DDT susceptibility tests show fleas to be persistently resistant: Burma

DDT
Traore Lamizana, M.; and Mouchet, J., 1976, Medecine et Malad. Infect., v. 6 (2), 48-52
Pediculus humanus capitis, studies on resistance of 3 strains from Paris schoolchildren to DDT, malathion and gamma HCH

DDVP. See Dichlorvos.

7-Deazaadenosine. See Tubercidin.

5-DeazaFMN. See 5-Deazariboflavin 5'-phosphate.

5-Deazariboflavine
Graham, D. W.; et al., 1977, Experientia, v. 33 (10), 1274-1276
Eimeria tenella, E. acervulina, anticoccidial activity of riboflavine antagonists

5-Deazariboflavin 5'-phosphate (5-DeazaFMN)
Graham, D. W.; et al., 1977, Experientia, v. 33 (10), 1274-1276
Eimeria tenella, E. acervulina, anticoccidial activity of riboflavine antagonists

DEC. See Diethylcarbamazine.

Decaris. See Tetramisole.

Deccox. See Decoquinate.

Decoquinate -- Deccox.

Decoquinate
Chapman, H. D., 1976, Parasitology, v. 73 (3), 275-282
Eimeria tenella, infections in chicken embryo used to study drug resistance to decoquinate, clopidol, robenidine, and amprolium

Decoquinate -- Continued.

Decoquinate
Chapman, H. D., 1976, Vet. Parasitol., v. 1 (4), 299-308
Eimeria tenella, delayed treatment used to study mode of action of 7 anticoccidial drugs in the chicken and chicken embryo

Deccox
Chhabra, M. B.; and Ruprah, N. S., 1976, Indian Vet. J., v. 53 (4), 260-262
Eimeria tenella, Eimeria necatrix, single and mixed infections, chickens, comparative efficacy of 4 coccidiostats (Bifuran, Cycostat, Deccox, Embazin)

Decoquinate
Jeffers, T. K., 1976, Ztschr. Parasitenk., v. 50 (3), 251-255
Eimeria tenella, decoquinate-sensitive, precocious strain crossed with decoquinate-resistant, normally developing strain, genetic recombination

Decoquinate
Kingston, D. J., 1977, Austral. Vet. J., v. 53 (5), 251-252 [Letter]
monensin sodium and decoquinate, male chickens, delayed maturation of feathers in chickens fed monensin sodium but not when fed decoquinate

Decoquinate
Long, P. L., 1973, Folia Vet. Latina, v. 3 (1), 89-109
Eimeria tenella, Eimeria mivati, cultured in chick embryos, technique for screening

Decoquinate
McDougald, L. R.; and Galloway, R. B., 1976, Exper. Parasitol., v. 40 (3), 314-319
Eimeria tenella, various anticoccidial drugs, in vitro and in vivo techniques used to observe effects on (1) viability of extracellular sporozoites, (2) penetration of sporozoites into host cells, (3) survival of intracellular sporozoites for 24 hr postinoculation

Decoquinate
McHardy, N.; Haigh, A. J. B.; and Dolan, T. T., 1976, Nature, London (5562), v. 261, 698-699
Theileria parva, drug screening in vitro, only Menoctone showed appreciable activity, subsequent tests in cattle artificially infected with ECF confirmed acitivty of Menoctone against the disease, mode of action not clear but seems to act against schizont or earlier stages and probably along a widely occurring biochemical pathway

Decoquinate
McLoughlin, D. K.; and Chute, M. B., 1973, Avian Dis., v. 17 (4), 717-721
Eimeria tenella, chickens (exper.), nequinate, good results against a sensitive strain and strains resistant to non-quinoline coccidiostats, development of nequinate-resistant strain, cross-resistance study

Decoquinate -- Continued.

Decoquinate
Miner, M. L.; and Jensen, J. B., 1976, Am. J. Vet. Research, v. 37 (9), 1043-1045
Eimeria bovis, E. zuernii, calves (exper.), decoquinate administered orally in grain mix suppressed oocyst discharge and bloody diarrhea, clinical signs did not recur for 23 days after treatment was discontinued

Decoquinate
Mylari, B. L.; et al., 1977, J. Med. Chem., v. 20 (4), 475-483
Eimeria spp. in chickens, 1-benzyl-6-azauracils as potential new anticoccidials, comparison trials with several experimental and commercial anticoccidials

Decoquinate
Ryley, J. F.; and Wilson, R. G., 1976, Parasitology, v. 73 (2), 137-148
Eimeria tenella, practical considerations involved in screening drugs in cell culture and in the chicken, analysis for incidence of anticoccidial activity and host cell toxicity based on 11,550 compounds screened in vitro, correlation of activity in vitro and in vivo attempted, results show that screening compounds in vitro is not satisfactory or reliable alternative to screening in chickens, but in vitro studies can play a part in evaluation of active drugs

Decoquinate
Shirley, M. W.; Millard, B. J.; and Long, P. L., 1977, Parasitology, v. 75 (2), 165-176
Eimeria acervulina var. diminuta and Eimeria acervulina var. mivati compared, growth in vitro, response to anticoccidial drugs, electrophoretic mobility profiles of four enzymes

Decoquinate
Wang, C. C., 1976, Biochem. Pharmacol., v. 25 (3), 343-349
Eimeria tenella, relationship of respiration to sporulation and excystation, inhibition of respiration during sporulation and excystation by quinolone coccidiostats, amquinate-resistant strain much less subject to inhibition by quinolones, 2-hydroxynaphthoquinone coccidiostats are equally effective inhibitors against wild type and amquinate-resistant mutant

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n-Decylamino-9 acridine
Renault, J.; Cavier, R.; and Renault, S., 1976, Compt. Rend. Acad. Sc., Paris, v. 282, s. D, (5), 509-511
Entamoeba dysenteriae, secondary aminoquinolines, influence of alkylamino chain length and position on activity in vitro and in vivo

n-Decylamino-1 isoquinoline
Renault, J.; Cavier, R.; and Renault, S., 1976, Compt. Rend. Acad. Sc., Paris, v. 282, s. D, (5), 509-511
Entamoeba dysenteriae, secondary aminoquinolines, influence of alkylamino chain length and position on activity in vitro and in vivo

n-Decylamino-1 phtalazine
Renault, J.; Cavier, R.; and Renault, S., 1976, Compt. Rend. Acad. Sc., Paris, v. 282, s. D, (5), 509-511
Entamoeba dysenteriae, secondary aminoquinolines, influence of alkylamino chain length and position on activity in vitro and in vivo

n-Decylamino-4 quinoline
Renault, J.; Cavier, R.; and Renault, S., 1976, Compt. Rend. Acad. Sc., Paris, v. 282, s. D, (5), 509-511
Entamoeba dysenteriae, secondary aminoquinolines, influence of alkylamino chain length and position on activity in vitro and in vivo

n-Decylamino-2,3,5,6,7 and 8 quinolines
Renault, J.; Cavier, R.; and Renault, S., 1976, Compt. Rend. Acad. Sc., Paris, v. 282, s. D, (5), 509-511
Entamoeba dysenteriae, secondary aminoquinolines, influence of alkylamino chain length and position on activity in vitro and in vivo

Deflamon. See Lysozyme or Metronidazole.

Dehydroemetine -- Dehydroemetine hydrochloride; Ro 1-9334/20.

Dehydroemetine
Al-Khateeb, G. H.; Al-Jeboori, T. I.; and Al-Janabi, K. A., 1977, Chemotherapy, v. 23 (4), 267-275
Leishmania donovani in vitro, action of sodium stibogluconate, metronidazole and dehydroemetine on mobility, morphology and survival of promastigotes

Dehydroemetine hydrochloride
Coles, G. C., 1975, J. Helminth., v. 49 (3), 205-209
Schistosoma mansoni schistosomula, 3-week-old, and adult worms, activity of 6 clinical and 6 experimental schistosomicides in vitro, concluded that meaningful screening for potential schistosomicides cannot at present be carried out in vitro

2-Dehydroemetine
Devic, J.; and Dosen, H., 1974, Med. Pregl., v. 27 (1-2), 79-83
human intestinal amoebiasis, clinical trials comparing 2-dehydroemetine with resotren in treatment: Yugoslavia

Dehydroemetine -- Continued.

Dehydroemetine
Duron, J. J.; Benhamou, G.; and Nardi, C., 1975, Nouv. Presse Med., v. 4 (18), 1364 [Letter]
hepatic echinococcosis in man with associated distomiasis discovered during surgical procedure to remove hydatid cysts, metronidazole and dehydroemetine therapy, clinical case report and review of diagnostic difficulties: Paris

Dehydroemetine
Dutta, G. P.; and Yadava, J. N. S., 1976, Indian J. Med. Research, v. 64 (2), 224-228
interrelationship of pH and oxidation-reduction potential on growth of axenic Entamoeba histolytica and the influence of pH on amoebicidal activity of drugs

Dehydroemetine
Entner, N.; and Grollman, A. P., 1973, J. Protozool., v. 20 (1), 160-163
Entamoeba histolytica, effect of amebicidal agents on protein synthesis, correlation of drug structural characteristics with biologic activity, implications for designing drugs with increased margin of selective toxicity for parasite vs. host

Dehydro-emetine
Felix, H., 1970, Medecine Afrique Noire, v. 17 (10), 719-721
dehydro-emetine given orally in treatment of both intestinal and urinary tract schistosomal infections, report of 333 observations

Dehydroemetine
Felix, H.; Depinay, R.; and Maillard, A., 1970, Medecine Afrique Noire, v. 17 (6), 443-447
oral administration of dehydroemetine in treatment of human amoebiasis, extensive clinical trials

Dehydroemetine
Goodman, M. A.; Henderson, J. I.; and Cullity, G. J., 1973, Med. J. Australia, v. 2 (11), 547-550
Fasciola hepatica infestation of liver and biliary tract in young girl causing jaundice and severe intestinal hemorrhage, case report, surgical management with follow-up dehydroemetine therapy: Australia

Dehydroemetine (Ro 1-9334/20)
Jo Kian Tjaij; Raid, N.; and Sutanto, A. H., 1970, Paediat. Indonesiana, v. 10 (4), 139-148
amoebic dysentery in children, clinical trials evaluating dehydroemetine

Dehydroemetine
Mahmoud, A. A. F.; and Warren, K. S., 1976, J. Infect. Dis., v. 134 (6), 639-643
Entamoeba histolytica, algorithms in the diagnosis and management of human infections

Dehydroemetine -- Continued.

2-Dehydroemetine HCl
  Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
    Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

Dehydroemetine
  Morales Mareles, P.; Suarez Sanchez, F.; and Boom, R. A., 1975, Prensa Med. Mexicana, v. 40 (3-4), 124-126
    human hepatic amoebic abscess, double blind clinical trials comparing therapy with intravenous metronidazole and intramuscular emetine: Mexico

Dehydroemetine
  Muangmanee, L.; et al., 1974, Southeast Asian J. Trop. Med. and Pub. Health, v. 5 (4), 581-585
    Opisthorchis viverrini, humans, clinical trials with late release tablets of dehydroemetine, follow-up reports show good results: Thailand

Dehydroemetine
  Payet, M., 1975, Medecine Trop., v. 35 (2), 105-110
    human malignant amoebic colitis, clinical aspects, pathology, diagnosis, treatment with dehydroemetine or surgery

Dehydroemetine
  Pene, P.; Bouvry, M.; and Pignol, F., 1970, Medecine Afrique Noire, v. 17 (3), 213-217
    comparison of dehydroemetine, niridazole and metronidazole in treatment of human amoebiasis

Dehydroemetine
  Pirame, Y.; et al., 1973, Medecine Trop., v. 33 (2), 131-141
    human eosinophilic meningitis caused by Angiostrongylus cantonensis, case reports, clinical aspects, dehydroemetine treatment: Nouvelle-Caledonie

Dehydroemetine
  Sroczynska, M.; and Sonta-Jakimczyk, D., 1977, Pediat. Polska, v. 52 (7), 777-779
    fascioliasis, hepatic infestation in young child, clinical case report, diagnostic problems, dehydroemetine

Dehydroemetine
  Vakil, B. J.; and Dalal, N. J., 1974, Progr. Drug Research, v. 18, 353-364
    Entamoeba histolytica, humans, techniques for comparative evaluation of amoebicidal drugs: sites of action, efficacy, side effects, and toxicity

Dehydroemetine -- Continued.

Dehydroemetine
  Wagener, D. J. T.; van Tongeren, J. H. M.; and Meuwissen, J. H. E. T., 1972, Nederl. Tijdschr. Geneesk., v. 116 (11), 431-435
    Fasciola hepatica in youth presenting as severe anemia, unsuccessful treatment with dehydroemetine, eggs eliminated from feces after 2 courses of bithionol, case report, medical management: Netherlands

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Dehydroemetine hydrochloride. See Dehydroemetine.

Dekaseptol
  El-Moukdad, A. R., 1976, Wien. Tierarztl. Monatsschr., v. 63 (12), 399-405
    Eimeria necatrix, E. acervulina, E. tenella, chickens, effect of various disinfectants on oocyst development

Dekaseptol
  El-Moukdad, A.-R., 1977, Wien Tierarztl. Monatsschr., v. 64 (3), 85-91
    effect of disinfectants on nematode eggs and coccidia oocysts

Dekelmin. See Methyridine.

Delagil. See Chloroquine.

Delnav. See Dioxathion.

N-Demethyl-4'-pentyl-clindamycin (U 24)
  Fink, E.; et al., 1973, Prog. Med., Paris, v. 101 (7), 281 [Abstract]
    Plasmodium berghei yoelii, mice (exper.), establishment of mean causal prophylactic dose of selected antimalarial and experimental compounds

N-Demethyl-4'-pentyl clindamycin (U-24)
  Powers, K. G.; Aikawa, M.; and Nugent, K. M., 1976, Exper. Parasitol., v. 40 (1), 13-24
    Plasmodium knowlesi in rhesus monkeys, clinical and morphologic effects of clindamycin and its N-demethyl-4'-pentyl analog

3'-Deoxyadenosine. See Cordycepin.

2-Deoxy-D-glucose
  Cosgrove, W. B.; and Hajduk, S. L., 1975, J. Protozool., v. 22 (3), 26A [Abstract]
    Trypanosoma equiperdum, inhibition of membrane transport of glucose by 2-deoxy-D-glucose, loss of motility, morphology, and infectivity, unsuccessful attempt to use in controlling established infections

Dependal. See Furazolidone or Iodochlorhydroxyquin.

Depifen. See Niclosamide or Phenothiazine or Piperazine.

Dequalinium chloride (Dequavagyn)
Tatra, G., 1972, Munchen. Med. Wchnschr., v. 114 (16), 773-776
human Trichomonas vaginalis causing vulvovaginal infections, dequalinium chloride in combination with metronidazole, good results

Dequavagyn. See Dequalinium chloride.

Dermovete. See Rotenone.

Derris. See Rotenone.

Dertil. See Niclofolan.

Desaspidin. See Aspidium.

Des L20
El-Moukdad, A. R., 1976, Wien. Tierarztl. Monatsschr., v. 63 (12), 399-405
Eimeria necatrix, E. acervulina, E. tenella, chickens, effect of various disinfectants on oocyst development

Des L 20
El-Moukdad, A. R., 1977, Wien Tierarztl. Monatsschr., v. 64 (3), 85-91
effect of disinfectants on nematode eggs and coccidia oocysts

Devermin. See Niclosamide.

Devonea. See Disophenol.

Dexamethasone -- Tresaderm (with Neomycin and Thiabendazole).

Tresaderm
Bullmore, C. C.; et al., 1976, Feline Pract., v. 6 (6), 36
Trombicula alfreddugesi, cat (ears), case report, tresaderm

Dextran sulphate
Williamson, J., 1977, J. Protozool., v. 24 (2), Suppl., 5A [Abstract]
Trypanosoma congolense, trypanocidal activity of several polyanions

DFD. See Diformyl dapsone.

Diacetyldioxyphenylisatin. See Oxyphenisatin acetate.

3'4' Diacetyl megalomicin A
Panitz, E., 1974, Proc. Helminth. Soc. Washington, v. 41 (1), 111-112
Eimeria tenella, chicks, megalomicin complex, anticoccidial activity, effect of structural changes of components

3'4' Diacetyl megalomicin A tartrate
Panitz, E., 1974, Proc. Helminth. Soc. Washington, v. 41 (1), 111-112
Eimeria tenella, chicks, megalomicin complex, anticoccidial activity, effect of structural changes of components

3'4' Diacetyl 2" propionyl megalomicin A
Panitz, E., 1974, Proc. Helminth. Soc. Washington, v. 41 (1), 111-112
Eimeria tenella, chicks, megalomicin complex, anticoccidial activity, effect of structural changes of components

4,8-Dialkyl-1,4,8-triazabicyclo[4.4.0]decan-2-one
Sharma, S.; Iyer, R. N.; and Anand, N., 1975, Indian J. Chem., v. 13 (5), 468-472
synthesis of 4,8-dialkyl-1,4,8-triazabicyclo-[4.4.0]decan-2-one, 3,7-dialkyl-1,3,7-triazabicyclo[4.3.0]nonan-2-one and related oxygen analogs, no noteworthy activity in Litomosoides carinii, cotton rats

3,7-Dialkyl-1,3,7-triazabicyclo[4.3.0]nonan-2-one
Sharma, S.; Iyer, R. N.; and Anand, N., 1975, Indian J. Chem., v. 13 (5), 468-472
synthesis of 4,8-dialkyl-1,4,8-triazabicyclo-[4.4.0]decan-2-one, 3,7-dialkyl-1,3,7-triazabicyclo[4.3.0]nonan-2-one and related oxygen analogs, no noteworthy activity in Litomosoides carinii, cotton rats

C,C-Diallyl-bis-(4-amino-2-methyl-6-quinolyl) malonamide -- Bayer 7602 Ac; Cruzon; Diallylmalonyl-(4-amino-2-methylquinolyl-6-amide) acetate.

Bayer 7602 Ac
Gaborak, M.; Darling, J. L.; and Gutteridge, W. E., 1977, Nature, London (5618), v. 268, 339-340
Trypanosoma cruzi, T. dionisii, drug sensitivities of culture forms almost identical, T. dionisii could replace T. cruzi in in vitro drug screens

Diallylmalonyl-(-4-amino-2-methylquinolyl-6-amide) acetate (Cruzon)
Schlemper, B. R., jr.; Chiari, E.; and Brener, Z., 1977, J. Protozool., v. 24 (4), 544-547
Trypanosoma cruzi, 48-hr drug screening test based on inhibition of exponential growth of culture forms as evaluated by cell counter, comparison with data from treating inoculated mice, advantages of in vitro method; culture forms not suitable for screening additives to prevent T. cruzi transmission by banked blood

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Diallylmalonyl-(4-amino-2-methylquinolyl-6-amide) acetate. See C,C-Diallyl-bis-(4-amino-2-methyl-6-quinolyl) malonamide.

Diamidines
Steck, E. A., 1974, Progr. Drug Research, v. 18, 289-351
Leishmania spp., extensive review (history, etiology, pathology, epidemiology, immunology, cultivation, biochemistry, chemotherapy)

Diamidines
Warhurst, D. C.; Stamm, W. P.; and Phillips, E. A., 1976, Tr. Roy. Soc. Trop. Med. and Hyg., v. 70 (4), 279 [Demonstration]
Acanthamoeba isolated from eye of patient with corneal ulcer, characterization, chemotherapeutic tests, pathogenicity in mice, isolation from mouse brain

3,3'-Diamidinocarbanilide diisethionate. See Amicarbalide.

4,4'-Diamidino-diazoaminobenzene. See Berenil.

4:4'-Diamidino-diazoamino-benzene-diaceturate. See Berenil.

4,4'-Diamidinophenoxypentane. See Pentamidine.

Di-(p-amidinophenyl) ether. See Phenamidine.

Di-(p-amidinophenyl) triazene-(N-1:3). See Berenil.

Di-(4-amidinophenyl)-triazene-(N1,3)-diaceturate. See Berenil.

2,4-Diamino-5-(p-chlorophenyl)-6-ethyl pyrimidine. See Pyrimethamine.

2,4-Diaminocycloalka[g]pteridines
Taylor, E. C.; et al., 1977, J. Med. Chem., v. 20 (9), 1215-1218
Trypanosoma cruzi, 2,4-diaminocycloalka[g]-pteridines tested for activity as dihydrofolate reductase inhibitors

4,6-Diamino-(3,4-dichlorobenzyloxy)-1,2-dihydro-2,2-dimethyl-1,3,5-triazine hydrochloride (BRL 50216)
Laing, A. B. G., 1974, Tr. Roy. Soc. Trop. Med. and Hyg., v. 68 (2), 133-138
Plasmodium falciparum, hospital trials with Gambian children testing BRL 50216 alone or in combinations with sulphadimethoxine or sulphafurazole (acting as potentiators); some response also with P. malariae; sporontocidal effect only when BRL 50216 given in presence of potentiators

2,4-Diamino-5-3,4-dimethoxybenzyl-pyrimidine. See Diaveridine.

Diaminodiphenylsulfone. See Dapsone.

4,4'-Diaminodiphenylsulfone. See Dapsone.

Diaminodiphenylsulphone. See Dapsone.

3,8-Diamino-5-ethyl-6-phenyl-phenanthridium bromide. See Homidium.

2,4 Diamino-5(6-methyl veratryl)pyrimidine. See Ormetoprim.

2,4-Diamino-6-(2-naphthyl-sulfonyl)-quinazoline (WR 158,122)
Kinnamon, K. E.; Ager, A. L.; and Orchard, R. W., 1976, Exper. Parasitol., v. 40 (1), 95-102
Plasmodium berghei, mice, sulfadiazine, WR 158,122, and WR 180,872 alone and in various combinations, synergistic effects, action at different sites in folic acid metabolic pathway, advantage of drug combinations in malaria chemotherapy

2,4-Diamino-6-(2-naphthyl-sulfonyl)-quinazoline (WR-158,122)
Schmidt, L. H., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (4), 446-474
Plasmodium falciparum and Plasmodium vivax in Aotus trivirgatus as model systems for chemotherapeutic studies, handling of animals, course of infections and response to standard antimalarial drugs compared with that in man, use of model in assessing activities of new agents and drug resistance

2,4-Diamino-6-(2-naphthyl-sulfonyl)-quinazoline + Sulfadiazine
Schmidt, L. H., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (4), 446-474
Plasmodium falciparum and Plasmodium vivax in Aotus trivirgatus as model systems for chemotherapeutic studies, handling of animals, course of infections and response to standard antimalarial drugs compared with that in man, use of model in assessing activities of new agents and drug resistance

2,4-Diamino-6-(2-naphthyl-sulfonyl)-5,6,7,8-tetrahydroquinazoline (WR 180,872)
Kinnamon, K. E.; Ager, A. L.; and Orchard, R. W., 1976, Exper. Parasitol., v. 40 (1), 95-102
Plasmodium berghei, mice, sulfadiazine, WR 158,122, and WR 180,872 alone and in various combinations, synergistic effects, action at different sites in folic acid metabolic pathway, advantage of drug combinations in malaria chemotherapy

2,4-Diamino-5-parachlorphenyl-6-ethyl pyrimidine. See Pyrimethamine.

2,4-Diamino-5-piperonyl-pyrimidine -- WR 40,070.

WR 40,070
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

2,4-Diamino-5-piperonyl-pyrimidine -- Continued.

WR 40,070
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

WR 40,070
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

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2,4-Diaminopyrimidine
Christow, C. P., 1973, Riv. Parassitol., Roma, v. 34 (3), 237-240
Trichomonas vaginalis, inhibition of growth by 2 folic acid antagonists (2,4-diaminopyrimidine and 2,4-diamino-5-(p-chlorophenyl)-6-ethyl pyrimidine)

(Diamino-4,6-triazinyl-1,3,5-amino-2)-4-phenyl-arsino-bis-(D-thio-3-amino-2-methyl-3-butyric acid). See (Diamino-4,6-triazinyl-1,3,5-amino-2)-4-phenyl-arsino di (D-thio-3-amino-2-methyl-3-butyric acid).

(Diamino-4,6-triazinyl-1,3,5-amino-2)-4-phenyl-arsino di (D-thio-3-amino-2-methyl-3-butyric acid) -- Compound "E" (with 2-[2-(4-Hydroxyphenyl)-6-benzimidazolyl]-6-(1-methyl-4-piperazyl) benzimidazole); (Diamino-4,6-triazinyl-1,3,5-amino-2)-4-phenyl-arsino-bis-(D-thio-3-amino-2-methyl-3-butyric acid); E [i.e., Compound E] (with 2-[2-(4-Hydroxyphenyl)-6-benzimidazolyl]-6-(1-methyl-4-piperazyl) benzimidazole); F151; F 175 (with 2-[2-(4-Hydroxyphenyl)-6-benzimidazolyl]-6-(1-methyl-4-piperazyl) benzimidazole); V5851 (with 2-[2-(4-Hydroxyphenyl)-6-benzimidazolyl]-6-(1-methyl-4-piperazyl) benzimidazole).

(Diamino-4,6-triazinyl-1.3.5 amino-2)-4 phenyl-arsino di (D-thio-3 amino-2 methyl-3 butyric acid) (F151)
Denham, D. A.; et al., 1976, J. Helminth., v. 50 (4), 243-250
Brugia pahangi, in vivo (Felis catus, Meriones unguiculatus), in vitro, filaricidal effect of compounds F151, HOE 33258, and their reaction product or mixture V5851 = E

(Diamino-4,6-triazinyl-1.3.5 amino-2)-4 phenyl-arsino di (D-thio-3 amino-2 methyl-3 butyric acid) + 2-[2-(4-Hydroxyphenyl)-6-benzimidazolyl]-6-(1-methyl-4-piperazyl) benzimidazole (= V5851; E)
Denham, D. A.; et al., 1976, J. Helminth., v. 50 (4), 243-250
Brugia pahangi, in vivo (Felis catus, Meriones unguiculatus), in vitro, filaricidal effect of compounds F151, HOE 33258, and their reaction product or mixture V5851 = E

(Diamino-4,6-triazinyl-1,3,5-amino-2)-4-phenyl-arsino di (D-thio-3-amino-2-methyl-3-butyric acid) -- Continued.

Compound "E"
Denham, D. A.; and Mellor, P., 1976, J. Helminth., v. 50 (1), 49-52
Onchocerca gutturosa, cattle, anthelmintic effects of compound "E", possible tertiary screening system for drug action against O. volvulus in man

(Diamino-4,6-triazinyl-1,3,5-amino-2)-4-phenyl-arsino-bis-(D-thio-3-amino-2-methyl-3-butyric acid) (F151)
Laemmler, G.; and Wolf, E., 1977, Tropenmed. u. Parasitol., v. 28 (2), 205-225
Litomosoides carinii in Mastomys natalensis (exper.), 17 anthelmintics and chemotherapeutics comparatively tested for their chemoprophylactic activity against various larval stages of the parasites

F 175
Laemmler, G.; and Wolf, E., 1977, Tropenmed. u. Parasitol., v. 28 (2), 205-225
Litomosoides carinii in Mastomys natalensis (exper.), 17 anthelmintics and chemotherapeutics comparatively tested for their chemoprophylactic activity against various larval stages of the parasites

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2-[4-(4,6-Diamino-1,3,5-triazin-2-yl) amino-phenyl]4-hydroxymethyl-2-arso-1,3-dithiacyclopentane. See Melarsoprol.

2,4-Diamino-5-(3,4,5-trimethoxybenzyl)-pyrimidine. See Trimethoprim.

Diaminozene aceturate. See Berenil.

Diamphenethide -- β,β-Bis-(4-acetamidophenyloxy) ethyl ether; Coriban; Diamphenetide.

Diamphenethide (Coriban)
Balasubramaniam, G.; Anandan, R.; and Alwar, V. S., 1974, Indian Vet. J., v. 51 (1), 63-66
Fasciola gigantica, Ovis aries, Capra hircus, Bos indicus, Bubalus bubalis, incidence, diamphenethide, field trial, good results: Madathukkulam area, Tamil Nadu, India

Diamphenethide
Eliazian, M.; et al., 1975, Arch. Inst. Razi (27), 43-46
Fasciola gigantica, sheep, diamphenethide, rafoxanide, drug efficacy: Roodbar Region (Guilan), Iran

Diamphenethide (Coriban)
Eliazian, M.; and Tamiji, Y., 1977, Brit. Vet. J., v. 133 (5), 458-460
Fasciola hepatica, sheep (exper.), diamphenethide effective: Iran

Diamphenethide -- Continued.

Diamphenethide
Foreyt, W. J.; and Todd, A. C., 1976, J. Wildlife Dis., v. 12 (3), 361-366
Fascioloides magna in Odocoileus virginianus, hexachlorophene, nitroxynil, and rafoxanide partially successful; hexachloroethane, clioxanide, and diamphenethide not effective

Diamphenethide
Hope Cawdery, M. J., 1976, Brit. Vet. J., v. 132 (6), 568-575
Fasciola hepatica, ewes, inverse relationship, fascioliasis mortality and pregnancy rate, increased pregnancy rate following treatment

Diamphenetide + Tetramisole
Nemeseri, L., 1976, Magy. Allat. Lapja, v. 98, v. 32 [i. e. 31] (7), 459-461
Dictyocaulus filaria, trichostrongylids, Fasciola hepatica, sheep, successful treatment with combination of diamphenetide and tetramisole; no effect on Protostrongylidae

Diamphenethide
Stammers, B. M., 1975, Ztschr. Parasitenk., v. 47 (2), 145-150
Fasciola hepatica, disruption of spermatogenesis, known fasciolicides and other anthelmintics tested

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Diamphenetide. See Diamphenethide.

Diampron. See Amicarbalide.

Diaveridine -- COE-1 (with Ethopabate and Sulfachloropyrazine); Darvisul (with Sulfaquinoxaline); 2,4-Diamino-5-3,4-dimethoxybenzylpyrimidine; Saquadil (with Sulfaquinoxaline); Sulfakombin (with Sulfadimidine).

Diaveridin
Dvorak, M.; et al., 1977, Veterinaria, Praha, v. 19 (1-2), 31-73
coccidiosis, poultry, preclinical tests using darvisul as standard for comparison, screening trials with sulphonamides and diaminopyrimidines; development of preparation Sulfakombin suitable for administration in water

Darvisul
Dvorak, M.; et al., 1977, Veterinaria, Praha, v. 19 (1-2), 31-73
coccidiosis, poultry, preclinical tests using darvisul as standard for comparison, screening trials with sulphonamides and diaminopyrimidines; development of preparation Sulfakombin suitable for administration in water

Diaveridine -- Continued.

Diaveridin + Sulphadimidin (= Sulfakombin)
Dvorak, M.; et al., 1977, Veterinaria, Praha, v. 19 (1-2), 31-73
coccidiosis, poultry, preclinical tests using darvisul as standard for comparison, screening trials with sulphonamides and diaminopyrimidines; development of preparation Sulfakombin suitable for administration in water

Diaveridine + Ethopabate + Sulphachloropyrazine (=COE-1)
Giordani, G.; Govoni, S.; and Bergami, W., 1977, Avicoltura, Bologna, v. 46 (1), 41-46
Eimeria spp., breeder hens, continuously fed sulphachloropyrazine + diaveridine + ethopabate, no undesirable effects on egg production, values statistically equal for control and coccidiostat fed birds

Diaveridine
McHardy, N.; Haigh, A. J. B.; and Dolan, T. T., 1976, Nature, London (5562), v. 261, 698-699
Theileria parva, drug screening in vitro, only Menoctone showed appreciable activity, subsequent tests in cattle artificially infected with ECF confirmed activity of Menoctone against the disease, mode of action not clear but seems to act against schizont or earlier stages and probably along a widely occurring biochemical pathway

Saquadil
Razdan, H. N.; Bansal, S. R.; and Gautam, O. P., 1976, Indian Vet. J., v. 53 (4), 255-259
saquadil, mixed infection of Eimeria tenella, E. necatrix, E. mitis, chicks, drug efficacy, good results

Diaveridin + Sulfadimidin (=Sulfakombin)
Reichel, F.; Sevcikova, E.; and Firmanova, A., 1977, Veterinarstvi, v. 27 (5), 217-218
coccidiosis, chickens, rabbits, sulfakombin, clinical evaluation

Diaveridine
Ryley, J. F.; and Wilson, R. G., 1976, Parasitology, v. 73 (2), 137-148
Eimeria tenella, practical considerations involved in screening drugs in cell culture and in the chicken, analysis for incidence of anticoccidial activity and host cell toxicity based on 11,550 compounds screened in vitro, correlation of activity in vitro and in vivo attempted, results show that screening compounds in vitro is not satisfactory or reliable alternative to screening in chickens, but in vitro studies can play a part in evaluation of active drugs

Diaveridine
Ryley, J. F.; and Wilson, R. G., 1976, Parasitology, v. 73 (3), 287-309
Eimeria tenella, features of anticoccidial activity of 9 older anticoccidials re-investigated both in vivo and in cell culture, methodology discussed in relation to more active and more recent anticoccidials, further experiments with robenidine reported

Diaveridine -- Continued.

Darvisul
Ryley, J. F.; and Wilson, R. G., 1976, Parasitology, v. 73 (3), 287-309
Eimeria tenella, features of anticoccidial activity of 9 older anticoccidials re-investigated both in vivo and in cell culture, methodology discussed in relation to more active and more recent anticoccidials, further experiments with robenidine reported

Diaveridine + Ethopabate + Sulphachlorpyrazine
Tarozzi, F., 1974, Folia Vet. Latina, v. 4 (2), 275-286
strain of Eimeria acervulina resistant to amprolium + ethopabate and to sulphachlorpyrazine, efficacy of sulphachlorpyrazine + diaveridine + ethopabate, chickens

Darvisul
Yvore, P.; and Hubert, J., 1977, Rec. Med. Vet., v. 153 (4), 287-291
Eimeria tenella, E. acervulina, halofuginone added to drinking water of infected chickens (exper.), curative effects compared with action of darvisul and amprolium, good results

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1,4-Diazabicyclo[3.2.1.]octane derivatives
Sturm, P. A.; et al., 1977, J. Med. Chem., v. 20 (10), 1333-1337
Litomosoides carinii in gerbils (exper.), 3-aminopyrrolidines and 1,4-diazabicyclo [3.2.1.]octane derivatives acted as potent microfilaricides but showed no activity against adult worms in laboratory trials comparing activity with that of diethylcarbamazine

Diazinon -- Diethyl 2-isopropyl-6-methyl-4-pyrimidinyl phosphorothionate.

Diazinon
Matthewson, M. D.; Wilson, R. G.; and Hammant, C. A., 1976, Bull. Entom. Research, v. 66 (4), 553-560
Boophilus decoloratus, resistance of 8 strains to organophosphorus and carbamate ixodicides, comparison with Berlin strain of B. decoloratus and Biarra strain of B. microplus: Rhodesia

Diazinon
Mount, G. A.; et al., 1976, J. Econom. Entom., v. 69 (2), 257-259
Amblyomma americanum, control with granules or concentrated sprays of diazinon, propoxur, and chlorpyrifos, drug efficacy: wooded plots at Camp Lejeune, North Carolina

Diazinon
Rawlins, S. C.; and Mansingh, A., 1977, J. Econom. Entom., v. 70 (6), 697-698
Boophilus microplus, Amblyomma cajennense, and Anocentor nitens, susceptibility of Jamaican strains to various acaricides

Diazinon -- Continued.

Diazinon
Rawlins, S. C.; and Mansingh, A., 1977, PANS, v. 23 (2), 137-142
Boophilus microplus, Jamaican strain, susceptibility to 35 acaricides, carbamates more effective than organophosphates or formamidines, chlorinated hydrocarbons least effective, comparison of resistance pattern with susceptible and resistant Australian strains

Diazinon
Roulston, W. J.; et al., 1977, Austral.J. Agric. Research, v. 28 (2), 345-354
Boophilus microplus, characterization of three strains of organophosphorus-resistant cattle ticks, resistance to organophosphorus and carbamate acaricides: Bajool, Tully and Ingham, northern Queensland

Diazinon
Sinclair, A. N., 1976, N. Zealand Vet. J., v. 24 (7), 149-152
Psorergates ovis, fleece derangement in infected Merino sheep before and after treatment as measurement of treatment success

Diazinon
Stone, B. F.; Wilson, J. T.; and Youlton, N. J., 1976, Austral. J. Biol. Sc., v. 29 (3), 251-263
Boophilus microplus, 3 strains, linkage and dominance characteristics of genes for resistance to organophosphorus acaricides and allelic inheritance of decreased brain cholinesterase activity

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Dibromsalan. See Bromsalans.

3-(Dibutylamino)-1[2,6-bis(trifluoromethylphenyl)-4-pyridyl]propanol (WR 172,435)
Rothe, W. E., 1976, Scient. Publication (317). Pan Am. Health Organ., 164-168
efficacies of potential antimalaria drugs (WR-142,490; WR-171,669; WR-172,435; WR-154,904; WR-180,409) using the owl monkey/Plasmodium falciparum model system

α-(Di-N-butylaminoethyl)-2,8-(bis-trifluoromethyl)-4-quinolinemethanol, hydrochloride (WR-177,504)
Schmidt, L. H., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (4), 446-474
Plasmodium falciparum and Plasmodium vivax in Aotus trivirgatus as model systems for chemotherapeutic studies, handling of animals, course of infections and response to standard antimalarial drugs compared with that in man, use of model in assessing activities of new agents and drug resistance

α-(Di-N-butylaminomethyl)-2-(3'4'-dichlorophenyl)-6,8-dichloro-4-quinolinemethanol, hydrochloride. See 6,8-Dichloro-2-(3',4'-dichlorophenyl)-α-(di-n-butylaminomethyl)-4-quinolinemethanol.

N,N-Di-n-butyl-4-hexyloxy-1-naphthamidine. See Bunamidine.

N,N-Dibutyl-4-hexyloxy-1-naphthamidine hydrochloride. See Bunamidine.

N,N-Di-n-butyl-4 hexyloxy-1-naphthamidine 3-hydroxy-2-naphthoate. See Bunamidine.

Dibutyl lead diacetate (DPD)
Gras, G.; et al., 1971, Medecine Afrique Noire, v. 18 (12), 921-922
dibutyl lead diacetate, possible toxicity in use as anthelmintic

Dibutyltin dilaurate -- Butynorate.

Butynorate
Potter, L. M.; and Shelton, J. R., 1977, Poultry Science, v. 56 (5), 1748-1749 [Abstract]
large white female turkeys, effects of varying protein and methionine levels and of adding anticoccidial agents in their diets to 16 weeks of age, body weights from anticoccidial treatment not significantly different

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S-(1,2-Dicarbethoxyethyl)-0,0-dimethyl dithiophosphate. See Malathion.

o,o'-Dichlorbenzol. See Paradichlorobenzene.

5,5'-Dichlor-2,2'-dihydroxy-3,3'-dinitro-biphenyl. See Niclofolan.

0,0 Di(2-chlorethyl) 0-(3 chloro-4-methylcoumarin-7-yl)phosphate. See Haloxon.

Dichlorfos. See Dichlorvos.

6,8-Dichloro-2-(3',4'-dichlorophenyl)-α-(di-n-butylaminomethyl)-4-quinolinemethanol -- α-(Di-N-butylaminomethyl)-2-(3'4'-dichlorophenyl)-6,8-dichloro-4-quinolinemethanol, hydrochloride; 6,8-Dichloro-2-(3',4'-dichlorophenyl)-α-(di-n-butylaminomethyl)-4-quinolinemethanol ·HCl; WR 30,090; WR 30,090 HCl.

WR 30090
Davidson, D. E., jr.; et al., 1976, Am. J. Trop. Med. and Hyg., v. 25 (1), 26-33
Plasmodium cynomolgi var. bastianellii, trophozoite-induced malaria in Macaca mulatta as antimalarial drug testing system

6, 8-Dichloro-2-(3',4'-dichlorophenyl)-α-(di-n-butylaminomethyl)-4-quinolinemethanol·HCl (WR 30,090)
Einheber, A.; Palmer, D. M.; and Aikawa, M., 1976, Exper. Parasitol., v. 40 (1), 52-61
Plasmodium berghei, chloroquine-induced pigment clumping, inhibition and reversal by quinine, WR 33,063, WR 171,669, WR 30,090, and WR 142,490, possible application in assay for oral bioavailability of such candidate antimalarials

6,8-Dichloro-2-(3',4'-dichlorophenyl)-α-(di-n-butylaminomethyl)-4-quinolinemethanol -- Continued.

WR 30,090 HCl
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

WR 30,090 HCl
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

α-(Di-N-butylaminomethyl)-2-(3'4'-dichlorophenyl)-6,8-dichloro-4-quinolinemethanol, hydrochloride (WR-30,090)
Schmidt, L. H., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (4), 446-474
Plasmodium falciparum and Plasmodium vivax in Aotus trivirgatus as model systems for chemotherapeutic studies, handling of animals, course of infections and response to standard antimalarial drugs compared with that in man, use of model in assessing activities of new agents and drug resistance

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6,8-Dichloro-2-(3',4'-dichlorophenyl)-α-(di-n-butylaminomethyl)-4-quinolinemethanol· HCl. See 6,8-Dichloro-2-(3',4'-dichlorophenyl)-α-(di-n-butylaminomethyl)-4-quinolinemethanol.

5,5'-Dichloro-2,2'-dihydroxy-3,3'-dinitro-biphenyl. See Niclofolan.

5,5-Dichloro-3,3'-dinitro-biphenyl-2,2'-diol. See Niclofolan.

5,5'-Dichloro-3,3'-dinitro-0,0-diphenol. See Niclofolan.

0,0 Di(2-chloroethyl)-0-(3-chloro-4-methylcoumarin-7-yl)phosphate. See Haloxon.

0-[2,5-Dichloro-4-(methylthio) phenyl] 0-ethyl methylphosphonothioate (CELA K-673)
Drummond, R. O.; et al., 1976, J. Econom. Entom., v. 69 (1), 37-40
Boophilus annulatus, B. microplus, acaricides, laboratory tests, spray and dip tests with cattle

2',5-Dichloro-4'-nitrosalicylanilide. See Niclosamide.

5,2-Dichloro-4-nitro-salicylicanilide. See Niclosamide.

Dichlorophen -- Benzyl-Hex (with Benzene hexachloride, Gamma and Benzyl benzoate and Rotenone); Vermiplex (with Toluene).

Dichlorophen and Toluene (=Vermiplex)
Cockrell, B. Y.; Hall, B. V.; and Simon, J., 1972, Am. J. Vet. Research, v. 33 (4), 687-698
dichlorvos and toluene-dichlorophen, induce changes in ultrastructure of beagle liver parenchymal cells, may reduce efficacy of drugs administered later

Benzyl-Hex
Meierhenry, E. F.; and Clausen, L. W., 1977, J. Am. Vet. Med. Ass., v. 171 (9), 983-984
Sarcoptes scabiei in Tayassu tajacu and Mus musculus (skin of both), treatment with ectoral, benzyl benzoate, and lindane + ectoral gave only temporary relief

Dichlorophen
Saz, H. J.; and Lescure, O. L., 1968, Molec. Pharm., v. 4 (4), 407-410
Ascaris lumbricoides var. suis, inhibition by anticestodal agents of mitochondrial ^{32}P-ATP exchange reaction, indicates that selective toxicity of these compounds for cestodes is a result of differences in permeability between these two groups of helminths

Dichlorophen
Stammers, B. M., 1975, Ztschr. Parasitenk., v. 47 (2), 145-150
Fasciola hepatica, disruption of spermatogenesis, known fasciolicides and other anthelmintics tested

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2-(3,4-Dichloro-phenylimino)-1-butyl-pyrrolidine. See Clenpyrin.

1-(1,3-Dichloro-6-trifluormethyl-9-phenanthryl)-3-di(n-butyl)aminopropanol hydrochloride. See 1-(1,3-Dichloro-6-trifluoromethyl-9-phenanthryl) 3-di-(n-butyl) aminopropanol.

1-(1,3-Dichloro-6-trifluoromethyl-9-phenanthryl) 3-di-(n-butyl) aminopropanol -- 1-(1,3-Dichloro-6-trifluormethyl-9-phenanthryl)-3-di(n-butyl)aminopropanol hydrochloride; 1-(1,3-Dichloro-6-trifluoromethyl-9-phenanthryl) 3-di-(n-butyl) aminopropanol·HCl; WR 171,669.

1-(1, 3-Dichloro-6-trifluoromethyl-9-phenanthryl-3-di-(n-butyl) amino-propanol·HCl (WR 171,669)
Einheber, A.; Palmer, D. M.; and Aikawa, M., 1976, Exper. Parasitol., v. 40 (1), 52-61
Plasmodium berghei, chloroquine-induced pigment clumping, inhibition and reversal by quinine, WR 33,063, WR 171,669, WR 30,090, and WR 142,490, possible application in assay for oral bioavailability of such candidate antimalarials

1-(1,3-Dichloro-6-trifluoromethyl-9-phenanthryl) 3-di-(n-butyl) aminopropanol -- Continued.

1-(1,3-Dichloro-6-trifluormethyl-9-phenanthryl)-3-di(n-butyl)aminopropanol hydrochloride (WR 171,669)
Rinehart, J.; Arnold, J.; and Canfield, C. J., 1976, Am. J. Trop. Med. and Hyg., v. 25 (6), 769-774
Plasmodium falciparum, human, WR 122,455, WR 171,669, oral tolerance, toxicity, antimalarial efficacy

1-(1,3-Dichloro-6-trifluoromethyl-9-phenanthryl) 3-di-(n-butyl)aminopropanol (WR-171,669)
Rothe, W. E., 1976, Scient. Publication (317). Pan Am. Health Organ., 164-168
efficacies of potential antimalaria drugs (WR-142,490; WR-171,669; WR-172,435; WR-154,904; WR-180,409) using the owl monkey/Plasmodium falciparum model system

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1-(1,3-Dichloro-6-trifluoromethyl-9-phenanthryl) 3-di-(n-butyl) aminopropanol·HCl. See 1-(1,3-Dichloro-6-trifluoromethyl-9-phenanthryl) 3-di-(n-butyl) aminopropanol.

2,2-Dichlorovinyl dimethyl phosphate. See Dichlorvos.

2,2-Dichlorovinyl methyl octyl phosphate. See Vincofos.

Dichlorovos. See Dichlorvos.

Dichloroxylenol -- Dichloro-sym-m-xylenol; Dikol (with Chloroxylenol); Rotgape.

Dichloroxylenol (Rotgape)
Connan, R. M.; and Wise, D. R., 1977, Vet. Rec., v. 101 (2), 34-35
Syngamus trachea in pheasants and turkeys (both exper.), dichloroxylenol (no effect), tetramisole (moderate efficacy against three- and four-day-old larvae, poor results against seven-day-old and older larvae)

Dikol
Mohammed, M. A.; Atef, M.; and Shihata, I. M., 1976, Egypt. J. Vet. Sc., v. 11 (1-2), 1974, 1-5
Eimeria tenella, poultry, efficiency of insecticides and disinfectants against oocysts

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Dichloro-sym-m-xylenol. See Dichloroxylenol.

N-(3,4-Dichlor-phenyl-rodanin). See Rodanine.

Dichlorvos -- Atgard; Atgard V; Brevitox; Ciovap (with Crotoxyphos); DDVP; Dichlorfos; 2,2-Dichlorovinyl dimethyl phosphate; Dichlorovos; 0,0-Dimethyl 0-(2,2-dichlorovinyl)-phosphate; Equigard; Equigard 3; Equigel; Fecama; Sergeant's Sentry Dog Collar; Shell No-Pest Strip; Task; Vapona; Vaporal (with Ronnel).

Dichlorvos + Carbanolate aerosol
Ahrens, E. H.; et al., 1977, J. Econom. Entom., v. 70 (5), 581-585
Amblyomma maculatum, cattle, field trials to evaluate effectiveness of insecticide-impregnated ear tags, ear bands, neck bands, and asphalt-base aerosols, prevention of screwworm infestations by controlling ticks

Dichlorvos
Bennett, W. C.; et al., 1975, J. Med. Entom., v. 12 (3), 354-358
Opisocrostis hirsutus, control in prairie dog burrows with dichlorvos vapor from pellets, considerable promise for practical application in controlling flea plague vectors

Equigard
Blanchard, J., 1971, Prat. Vet. Equine, v. 3 (1), 29-31
gastrointestinal nematodes in race horses, clinical trials with equigard, good immediate results especially with ascarids; rapid reinfection rates (2 months after therapy), suggests contaminated paddocks; recommendations therefore for program of routine treatment: France

Dichlorvos (DDVP, Vapona)
Bowman, M. C.; et al., 1973, J. Med. Entom., v. 10 (4), 405-410
Xenopsylla cheopis, control, trichlorfon and dichlorvos in rodent bait, feces from rodents fed treated baits, and vapors from both

Dichlorvos
Boxler, D. J.; Shugart, J. I.; and Campbell, J. B., 1977, J. Kansas Entom. Soc., v. 50 (4), 576 [Abstract]
Haematobia irritans, cattle, dichlorvos + stirophos, encapsulated slow-release form, gel bags compared with coumaphos dust bag, neither treatment proved more effective than the other; dichlorvos gel bags gave good results

Dichlorvos + Stirophos
Boxler, D. J.; Shugart, J. I.; and Campbell, J. B., 1977, J. Kansas Entom. Soc., v. 50 (4), 576 [Abstract]
Haematobia irritans, cattle, dichlorvos + stirophos, encapsulated slow-release form, gel bags compared with coumaphos dust bag, neither treatment proved more effective than the other; dichlorvos gel bags gave good results

Task (Dichlorvos)
Brglez, J.; et al., 1975, Zborn. Bioteh. Fak. Univ. Ljubljani, v. 12 (1), 143-155
Demodex canis, dogs, complete cure with dermovete; transient cure with neguvon, task, and thiabendazole

Dichlorvos -- Continued.

Dichlorvos (Task)
Cockrell, B. Y.; Hall, B. V.; and Simon, J., 1972, Am. J. Vet. Research, v. 33 (4), 687-698
dichlorvos and toluene-dichlorophen, induce changes in ultrastructure of beagle liver parenchymal cells, may reduce efficacy of drugs administered later

Dichlorvos + Ronnel (=Vaporal)
Csiza, C. K.; and McMartin, D. N., 1976, Lab. Animal Sc., v. 26 (5), 781-787
Myobia musculi, mouse breeding colony, dermatitis characterized by intense pruritus leading to self-mutilation and death, pathogenicity varies according to sex, age, mating ratios, sensitivity and strain of mice, dichlorvos + ronnel, good results

Dichlorvos
Dorchies, P.; and Amalric, M., 1977, Rev. Med. Vet., Toulouse, v. 128 (1), 7-24
gastrointestinal helminths, gastrophilosis, horses, anthelmintics, drug efficacy, review

Dichlorvos (Equigard)
Drudge, J. H.; Lyons, E. T.; and Tolliver, S. C., 1975, Am. J. Vet. Research, v. 36 (3), 251-253
Gasterophilus intestinalis, G. nasalis, oral stages in horses and ponies (nat. and exper.), activity of several organophosphorus compounds in various formulations and levamisole-piperazine mixture

Dichlorvos
Endres, W. A., 1976, Vet. Med. and Small Animal Clin., v. 71 (11), 1553
Capillaria aerophilla, cat, levamisole, good results; dichlorvos ineffective

Dichlorvos (Shell No-Pest Strip)
Fox, J. G.; and Hewes, K., 1976, J. Am. Vet. Med. Ass., v. 169 (3), 332-333
Cheyletiella sp. resembling Cheyletiella blakei infections found in domestic cats (on skin or in feces) from a commercial supplier, no clinical signs, successful treatment with Kemic Flea and Tick Powder and dichlorvos-impregnated strip in room

Dichlorvos (DDVP)
Frick, W., 1977, Monatsh. Vet.-Med., v. 32 (8), 291-294
ectoparasites, different concentrations of dichlorvos, cattle, sheep, swine, rabbit, fowl

Dichlorvos
Garlick, N. L., 1976, Clin. Toxicol., v. 9 (6), 981-992
Dirofilaria immitis, dogs, drug-induced shock precipitated by microfilariae, proposed hypothesis

Atgard
Getler, K., 1972, Med. Wet., v. 28 (8), 476-477
nematodes, pigs on industrial swill feeding farm, Atgard

Dichlorvos -- Continued.

Dichlorvos
Gladney, W. J., 1976, ARS-S (102), 5 pp.
Boophilus annulatus, B. microplus, tests of fumigants for quarantine station control, particularly for hunting trophies, methyl bromide superior to dichlorvos

Dichlorvos
Gladney, W. J., 1976, J. Econom. Entom., v. 69 (6), 757-760
insecticides, field trials in controlled-release devices for control of Amblyomma maculatum and Cochliomyia hominivorax, cattle: northeastern Starr Co., Texas

Brevitox (Dichlorvos)
Greco, V.; and Saly, A., 1976, Veterinarstvi, v. 26 (6), 258-259
Haematopinus suis, swine, testing of several insecticides

Fecama (Dichlorvos)
Greco, V.; and Saly, A., 1976, Veterinarstvi, v. 26 (6), 258-259
Haematopinus suis, swine, testing of several insecticides

Dichlorovos (Task)
Howes, H. L., jr., 1972, Proc. Soc. Exper. Biol. and Med., v. 139 (2), 394-398
Trichuris muris and other helminths, dogs, mice (both exper.), CP-14,445 hydrochloride and pamoate compared with activity of known anthelmintics; dosage response data indicate that T. muris-mouse infection could be test model for antiwhipworm studies

Dichlorvos
Jacobs, D.; and Schulze, H. W., 1977, Prakt. Tierarzt, v. 58 (1), 46-48
pig parasites, natural infections, vermitin and dichlorvos effective in field testing

2,2-Dichlorovinyl, dimethyl phosphate
Jacobson, H. A.; and Kirkpatrick, R. L., 1974, J. Wildlife Dis., v. 10 (4), 384-391
comparison of selected physiological measurements in untreated parasitized cottontail rabbits and those treated with 1-tetramisole hydrochloride and 2,2-dichlorovinyl, dimethyl phosphate: Montgomery County, Virginia

Vapona + Crotoxyphos (= Ciovap)
Knapp, F. W.; Christensen, C. M.; and Whiteker, M. D., 1977, J. Animal Sc., v. 45 (2), 216-218
Haematopinus suis, hogs, fenthion spot treatment, efficacy, superior to crotoxyphos + vapona

Dichlorovos (DDVP)
Leland, S. E., jr.; et al., 1975, Am. J. Vet. Research, v. 36 (4), Part 1, 449-456
Cooperia punctata, in vitro-grown parasitic stages, evaluation of 28 anthelmintics using presumptive and confirmatory tests, comparison of in vitro potency with established in vivo activity against Cooperia and various other parasites, potential usefulness as preliminary screening method

Dichlorvos -- Continued.

Dichlorvos
Lim, C., 1973, Singapore J. Primary Indust., v. 1 (2), 75-86
alimentary and respiratory tract parasites, pigs (feces), incidence in 3 age groups, intensity of infection, clinical findings, treatment
(Strongyloides; Metastrongylus; Trichuris; Coccidia; Spirurid[a sp.]; Oesophagostomum spp.; Balantidium; Ascaris; Gnathostoma): ten Singapore Veterinary Extension Centres

DDVP
Ludke, J. L.; and Locke, L. N., 1976, Avian Dis., v. 20 (3), 607-608
Anas platyrhynchos, mortality after accidental ingestion of DDVP

Dichlorvos (Equigel, Equigard)
Lyons, E. T.; Drudge, J. H.; and Tolliver, S. C., 1976, J. Parasitol., v. 62 (3), 453-459
Parascaris equorum, foals (nat. and exper.), development and location of migrating larvae at specific time intervals after infection, evaluation of possible chemotherapeutic activity of several anthelmintics against migrating and early enteric-stage larvae

Dichlorfos (DDVP)
Majewski, T.; et al., 1976, Med. Wet., v. 32 (12), 744-746
Solenopotes capillatus, cattle, dichlorfos effective and non-toxic

Dichlorvos (Task)
Olsen, J. L.; et al., 1977, J. Am. Vet. Med. Ass., v. 171 (6), 542-544
Trichuris vulpis, dogs (nat. and exper.), dichlorvos administered orally, single and repeated doses; additional doses may be required to remove mature worms

Dichlorvos (Atgard V)
Pfeiffer, A., 1977, Prakt. Tierarzt, v. 58 (1), 32-38
Hyostrongylus rubidus, Oesophagostomum spp., sows treated for improved weight gain of weanling pigs

Dichlorvos (Task)
Roberson, E. L.; Anderson, W. I.; and Hass, D. K., 1977, Am. J. Vet. Research, v. 38 (5), 597-600
intestinal nematodes, dogs, dichlorvos-medicated dry dog feed, fast vs. slow release rate, various doses; no drug-related complications from Dirofilaria immitis infections

Dichlorvos
Scott, P., 1977, N. Zealand Vet. J., v. 25 (12), 373-378
detailed review of some modern equine anthelmintics, efficacy and safety

Dichlorvos
Seawright, A. A.; and Costigan, P., 1977, Austral. Vet. J., v. 53 (11), 509-514
dichlorvos flea collars, cats, reduction of blood cholinesterase activity, no overt signs of toxicity occurred

Dichlorvos -- Continued.

Dichlorvos (Equigard)
Slocombe, J. O. D.; and Cote, J. F., 1977, Canad. Vet. J., v. 18 (8), 212-217
small strongyles, horses, cross resistance to cambendazole, thiabendazole, and mebendazole, susceptibility to non-benzimidazole compounds

Dichlorvos
Stewart, T. B.; Hale, O. M.; and Marti, O. G., 1975, Am. J. Vet. Research, v. 36 (6), 771-772
Hyostrongylus rubidus, pigs (exper.), treatment with coated vs. uncoated formulations of dichlorvos, efficacious against adult worms but little or no activity against 5- or 15-day-old worms, not as effective in sows as in barrows and gilts

Dichlorvos (Vapona)
Weisbroth, S. H.; Friedman, S.; and Scher, S., 1976, Lab. Animal Sc., v. 26 (5), 725-735
Myobia musculi-infested Mus musculus in breeding colony, histopathology of skin lesions probably allergic in character, exacerbation of lesions following reinfection of sensitized mice, treatment with dichlorvos-impregnated plastic strips abolished lesions and improved breeding performance

Dicofol
Rawlins, S. C.; and Mansingh, A., 1977, PANS, v. 23 (2), 137-142
Boophilus microplus, Jamaican strain, susceptibility to 35 acaricides, carbamates more effective than organophosphates or formamidines, chlorinated hydrocarbons least effective, comparison of resistance pattern with susceptible and resistant Australian strains

Dicresyl. See Dikresil.

Dicresyl ether N-methylcarbamine acid. See Dikresil.

Dicrotophos
Matthewson, M. D.; Wilson, R. G.; and Hammant, C. A., 1976, Bull. Entom. Research, v. 66 (4), 553-560
Boophilus decoloratus, resistance of 8 strains to organophosphorus and carbamate ixodicides, comparison with Berlin strain of B. decoloratus and Biarra strain of B. microplus: Rhodesia

Dicrotophos
Rawlins, S. C.; and Mansingh, A., 1977, J. Econom. Entom., v. 70 (6), 697-698
Boophilus microplus, Amblyomma cajennense, and Anocentor nitens, susceptibility of Jamaican strains to various acaricides

Dicrotophos
Rawlins, S. C.; and Mansingh, A., 1977, PANS, v. 23 (2), 137-142
Boophilus microplus, Jamaican strain, susceptibility to 35 acaricides, carbamates more effective than organophosphates or formamidines, chlorinated hydrocarbons least effective, comparison of resistance pattern with susceptible and resistant Australian strains

Dictycide. See Cyanoacetic acid hydrazide.

Didakene. See Tetrachloroethylene.

Dieldrin
Cheong, W. H., 1964, Med. J. Malaya, v. 19 (1), 62-63
resistance of Cimex hemipterus to DDT and dieldrin; sensitivity to malathion: Malaysia

Dieldrin
Wood, J. C., 1975, Vet. Rec., v. 97 (24), 485
ovine scabies, dieldrin ineffective, gamma-BHC effective

N-(4-N,N-Diethylaminobenzylidene)-p-(4-methyl-1-piperazino)aniline
Husain, M. I.; and Agarwal, S. K., 1975, Indian J. Chem., v. 13 (11), 1238-1239
N-(4-N,N-diethylaminobenzylidene)-p-(4-methyl-1-piperazino)aniline shows significant activity in laboratory screening trials with Nematospiroides dubius infection in mice, comparison with tetramisole

6-(4-Diethylamino-1-methylbutylamino)-5,8-dimethoxyquinoline, 2-, 3-, and 4-chloro derivatives
Nickel, P.; et al., 1977, Arch. Pharm., v. 310 (2), 81-89
Plasmodium vinckei, mice, 2-, 3-, and 4-chloro derivatives of 6-(4-diethylamino-1-methylbutylamino)-5,8-dimethoxyquinoline, only slight activity

6-(4-Diethylamino-1-methylbutylamino)-5,8-dimethoxy-quinoline, 2- and 4-hydroxymethyl derivatives
Nickel, P.; Zimmermann, R.; and Fink, E., 1977, Arch. Pharm., v. 310 (7), 529-536
Plasmodium vinckei in mice (exper.), synthesis and characterization of 2- and 4-hydroxymethyl derivatives of 6-(4-diethylamino-1-methylbutylamino)-5,8-dimethoxy-quinoline, hydroxylation reduces toxicity without influencing antimalarial activity

8-[4-(Diethylamino)-1-methylbutylamino]-6-methoxyquinoline. See Pamaquine.

10-(2-Diethylaminopropyl)-phenothiazine HCl. See Ethopropazine.

Diethylcarbamazine -- Banminth D (with Morantel); Banocide; Bovhelm-plus (with Morantel tartarate); Caricide; Caritrol; DEC; Diethylcarbamazine citrate; Dithrazine citrate; Ditrazin-tsitrate; Franocid; Hetrazan; Hetrazan citrate; Notezine; Onchozan; Ovithelm-plus (with Morantel tartarate); Supatonin.

Diethylcarbamazine
Aftandelians, R.; et al., 1977, Am. J. Trop. Med. and Hyg., v. 26 (1), 64-71
Capillaria aerophila, granulomatous lesion containing worm removed from lung of child presenting with asthmatic symptoms and eosinophilia, treatment with diethylcarbamazine and thiabendazole relieved symptoms, clinical case report, possible transmission through cat-contaminated play area: Teheran, Iran

Hetrazan (Diethyl carbamazine)
Agrawal, M. C.; and Dutt, S. C., 1977, Indian Vet. J., v. 54 (1), 77-79
Stephanofilaria zaheeri, buffaloes, in vitro and in vivo drug trials, high efficacy with malathion: Jabalpur

Diethylcarbamazine
Ambroise-Thomas, P.; and Kien Truong, T., 1974, Ann. Trop. Med. and Parasitol., v. 68 (4), 435-452
filariasis, human, diagnosis, indirect fluorescent antibody test on sections of adult filariae (Dipetalonema viteae, Dirofilaria immitis, Wuchereria bancrofti, Loa loa, Onchocerca volvulus), possible application to epidemiological surveys and post-therapeutic surveillance

Diethylcarbamazine eye drops (Onchozan)
Anderson, J.; and Fuglsang, H., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (5), 710-717
Onchocerca volvulus, human, effects of 3% diethylcarbamazine eye drops on microfilariae in cornea and anterior chamber, numbers reduced but not eliminated and reinvasion occurred soon after treatment stopped, some severe reactions particularly in heavily infected subjects: Cameroon

Diethylcarbamazine citrate
Anderson, J.; Fuglsang, H.; and Marshall, T. F. de C., 1976, Tropenmed. u. Parasitol., v. 27 (3), 263-278
Onchocerca volvulus, human eye lesions, trials with diethylcarbamazine with and without added effects of corticosteroids (betamethazone), value of therapy varied with type of eye lesions: north Cameroon

Diethylcarbamazine
Anderson, J.; Fuglsang, H.; and Marshall, T. F. de C., 1976, Tropenmed. u. Parasitol., v. 27 (3), 279-296
Onchocerca volvulus, human eye lesions, trials with suramin alone or followed by course of diethylcarbamazine, value of therapy varied with type of eye lesions, severe toxic reactions (2 fatalities) in some persons treated with suramin: north Cameroon

Diethylcarbamazine -- Continued.

Diethylcarbamazine
Anderson, R. I.; Fazen, L. E.; and Buck, A. A., 1975, Am. J. Trop. Med. and Hyg., v. 24 (1), 58-61
migration of Onchocerca volvulus into urine, blood and sputum after medication of infected humans with diethylcarbamazine: Guatemala

Notezine
Bendelac, J., 1971, Maroc Med. (544), v. 51, 174-175
human infections, case reports, notezine: Khouribga

Diethylcarbamazine
Bryan, J. H.; and Southgate, B. A., 1976, Tr. Roy. Soc. Trop. Med. and Hyg., v. 70 (1), 39-48
Wuchereria bancrofti, assessment of diethylcarbamazine administration campaign for eradication of human infection and its effects on local vector Aedes polynesiensis, recommendations for continued surveillance and control: Western Samoa

Diethylcarbamazine
Chen, C. C.; and Fan, P. C., 1977, Southeast Asian J. Trop. Med. and Pub. Health, v. 8 (1), 53-55
bancroftian filariasis, residual microfilariae in blood of diethylcarbamazine-treated human carriers, ability to develop into infective larvae after being ingested by vector mosquitoes, possible source of disease transmission in endemic areas after suspension of control measures

Diethylcarbamazine citrate
Clinton, R. L.; Stump, F. J.; and Wiggers, K. L., 1976, Feline Pract., v. 6 (2), 45-46
Aelurostrongylus abstrusus, 9-week-old kitten, levamisole hydrochloride, good results; sodium iodide, no effect on larvae; diethylcarbamazine citrate, reduced number of larvae

Diethylcarbamazine + Morantel (= Banminth D)
Cornwell, R. L.; Jones, R. M.; and Pott, J. M., 1973, Vet. Rec., v. 92 (20), 551-554
control of clinical infections of gastrointestinal nematodes and lungworms in calves using morantel/diethylcarbamazine solution, field trials, good results as measured by growth response and clinical symptoms; routine treatment economically sound under conditions of heavy infection

Diethylcarbamazine citrate (Caricide)
Courtney, C. H.; and Nachreiner, R. F., 1976, Am. J. Vet. Research, v. 37 (9), 1095-1097
4 male dogs given diethylcarbamazine citrate for 6 mos. at twice daily dose recommended for heartworm prophylaxis, no significant deterioration in quantity, morphology, motility, or viability of sperm as compared to 4 unmedicated controls

Diethylcarbamazine -- Continued.

Diethylcarbamazine
Daffalla, A. A.; and Ali Omer, M. I., 1977, Tr. Roy. Soc. Trop. Med. and Hyg., v. 71 (6), 544-545
probable toxocariasis in 7-year-old boy with high eosinophilia, fever, and abdominal distention; positive toxocaral skin test and fluorescent antibody test, marked improvement with diethylcarbamazine therapy: Gezira area, Sudan

Diethylcarbamazine
Davies, P.; et al., 1973, N. York State J. Med., v. 73 (15), 1999-2001
probable Dirofilaria tenuis infection in woman with presenting symptom of tender, painful swelling over right temple, apparent cure after surgical biopsy and follow-up diethylcarbamazine, history of extensive bites from mosquitoes and association with dog that had recently been in southern states: Albany, New York

Diethylcarbamazine (DEC)
Desowitz, R. S.; et al., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (4), 430 [Demonstration]
Dirofilaria immitis-infected dogs treated with diethylcarbamazine, severe drug reaction generally in dogs with high microfilaremia probably result of antigen and antibody combining on surface of serotonin-rich platelets, release of serotonin from damaged platelets having vascular permeability-increasing effect leading to shock

Diethylcarbamazine
Desowitz, R. S.; and Southgate, B. A., 1973, Southeast Asian J. Trop. Med. and Pub. Health, v. 4 (2), 179-183
Wuchereria bancrofti, comparative efficacy of membrane filtration, counting-chamber and stained thick blood-film techniques in identifying persistent low density microfilaremia in natives following therapeutic course of diethylcarbamazine given during mass drug campaign: Fiji and Western Samoa

Diethylcarbamazine
Dissanaike, A. S.; et al., 1977, Am. J. Trop. Med. and Hyg., v. 26 (6, part 1), 1143-1147
filaria in vitreous of man's eye, worm not recovered but apparently died after diethylcarbamazine therapy, probable source of infection was pet dogs, 3 of which were infected with Dirofilaria immitis: Peninsular Malaysia

Diethylcarbamazine
Duke, B. O. L.; Moore, P. J.; and Vincelette, J., 1975, Tropenmed. u. Parasitol., v. 26 (4), 449-468
Onchocerca volvulus in humans, factors influencing passage of microfilariae into urine (extra fluid intake, pyrexial episodes, dosage with diethylcarbamazine, host activity), probably from reservoir in kidney glomerular capillaries, implications for epidemiologic surveys

Diethylcarbamazine -- Continued.

Diethylcarbamazine
Duke, B. O. L.; Moore, P. J.; and Vincelette, J., 1976, Tropenmed. u. Parasitol., v. 27 (2), 133-144
the population dynamics of Onchocerca volvulus microfilariae during treatment with suramin and diethylcarbamazine

Diethylcarbamazine
Duke, B. O. L.; Vincelette, J.; and Moore, P. J., 1976, Tropenmed. u. Parasitol., v. 27 (2), 123-132
microfilariae in cerebrospinal fluid of patients heavily infected with Onchocerca volvulus and resulting neurological complications, association between these complications and diethylcarbamazine therapy, implications for treatment programs with diethylcarbamazine and/or suramin: northern Cameroon

Caritrol
Dutta, P. K.; and Hazarika, R. N., 1976, Indian Vet. J., v. 53 (3), 221-224
Stephanofilaria assamensis, cattle, chemotherapeutic trials, comparative efficacy of various drugs: Khanapara

Dithrazine citrate
Epel'dimov, L. S.; and Shchelkanov, K. G., 1976, Sborn. Nauch. Rabot. SibNIVI, Sibirsk. Nauchno-Issled. Vet. Inst. (26), 116-122
dictyocaulosis, sheep treated with anthelmintics, histological changes

Diethylcarbamazine citrate
Ewert, A.; and Emerson, G. A., 1975, Am. J. Trop. Med. and Hyg., v. 24 (1), 71-73
effect of diethylcarbamazine on third stage Brugia malayi larvae in cats

Diethylcarbamazine
Fan, P. C.; et al., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 515-516
bancroftian filariasis, control by use of common salt medicated with diethylcarbamazine, reduced prevalence in humans and in Culex p. fatigans: Liehyu District (Little Kinmen), Kinmen (Quemoy) Islands, Republic of China

Diethylcarbamazine (Hetrazan)
Fazen, L. E.; et al., 1976, Am. J. Trop. Med. and Hyg., v. 25 (2), 250-256
Onchocerca volvulus, humans with light infections, single oral dose of diethylcarbamazine, consequent clinical and laboratory changes, distribution of microfilariae, corticosteroid appeared to reduce symptoms of DEC reaction: Guatemala

Diethylcarbamazine -- Continued.

Diethylcarbamazine
Fuglsang, H.; and Anderson, J., 1974, Tr. Roy. Soc. Trop. Med. and Hyg., v. 68 (1), 72-73 [Letter]
Onchocerca volvulus in humans, respiratory distress and collapse in several persons receiving diethylcarbamazine as part of mass therapy trials, possible association with unusual presence of microfilariae in circulation: Cameroon

Diethylcarbamazine
Fuglsang, H.; and Anderson, J., 1977, Tr. Roy. Soc. Trop. Med. and Hyg., v. 70 (5-6), 1976, 534 [Letter]
human onchocerciasis, unsuccessful trials using deseril to alleviate side effects of diethylcarbamazine therapy: Cameroon

Diethylcarbamazine (Notezine)
Garin, J. P.; Rougier, J.; and Mojon, M., 1975, Acta Trop., v. 32 (4), 384-388
Loa loa, human (40 year old missionary), case report, severe ocular manifestations, eventual cure with diethylcarbamazine: Italy (had lived 5 years in Cameroon)

Diethylcarbamazine + Levamisole + Thiacetarsamide sodium
Garlick, N. L., 1976, Canine Pract., Santa Barbara, v. 3 (2), 64-69
Dirofilaria immitis, dogs, drug trials, levamisole, good results against microfilariae and adult male heartworms, adult female heartworms resistant to drug, hematological and biochemical effects; levamisole + thiacetarsamide sodium + diethylcarbamazine, satisfactory results; levamisole followed by fenthion, good results

Diethylcarbamazine citrate
Garlick, N. L., 1976, Clin. Toxicol., v. 9 (6), 981-992
Dirofilaria immitis, dogs, drug-induced shock precipitated by microfilariae, proposed hypothesis

Diethylcarbamazine (Hetrazan)
Gibson, D. W.; et al., 1976, Am. J. Trop. Med. and Hyg., v. 25 (1), 74-87
Onchocerca volvulus, humans with severe onchocercal dermatitis, ultrastructure of microfilariae and host skin tissues before and after diethylcarbamazine treatment: Cameroon

Diethylcarbamazine (Notezine)
Guement, J. M., 1972, Maroc Med. (555), v. 52 171-178
man, filariasis presenting as bronchial asthma and rhinosinusitis, case report, diethylcarbamazine: Maroc, previously from South Pacific area

Diethylcarbamazine -- Continued.

Diethylcarbamazine citrate
Ismail, M. M.; and Nagaratnam, N., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (3), 405-409
filariasis as possible cause of arthritis, clinical features and laboratory findings in 33 cases, age distribution, diethylcarbamazine treatment gave good results: Sri Lanka

Diethylcarbamazine
Iwamoto, I., 1971, Nettai Igaku (Trop. Med.), v. 13 (1), 1-6
Wuchereria bancrofti microfilariae in carrier dogs, small amounts of diethylcarbamazine in blood cause temporary appearance of larvae and disturbance of 24-hour microfilarial rhythm

Hetrazan
Iwamoto, I.; Tada, I.; and Wonde, T., 1973, Nettai Igaku (Trop. Med.), v. 15 (1), 36-45
Onchocerca volvulus in humans, epidemiologic survey, clinical manifestations, hetrazan: Ilubabor Province, Ethiopia

Diethylcarbamazine + Morantel tartrate
Kadhim, J. K.; Jabbir, M. H.; and Altaif, K. I., 1972, Research Vet. Sc., v. 13 (6), 597-599
Dictyocaulus filaria, goats (exper.), comparison between efficacy of tetramisole vs. morantel/diethylcarbamazine

Diethylcarbamazine
Katiyar, J. C.; et al., 1974, Tr. Roy. Soc. Trop. Med. and Hyg., v. 68 (2), 169-170 [Letter]
human filariasis, persons undergoing diethylcarbamazine therapy for Wuchereria bancrofti, interference with skin test reactions when W. bancrofti used as antigen, review of possible mechanisms

Diethylcarbamazine citrate
Laemmler, G.; and Gruener, D., 1975, Tropenmed. u. Parasitol., v. 26 (3), 359-369
Litomosoides carinii in Mastomys natalensis (exper.), 12 organophosphorus compounds tested for efficacy against micro- and macrofilarial infections

Diethylcarbamazine citrate (Franocid)
Laemmler, G.; and Gruener, D., 1976, Berl. u. Munchen. Tierarztl. Wchnschr., v. 89 (11), 222-225; (12), 229-233
Capillaria hepatica in Mastomys natalensis, comparative activity of 24 anthelmintics, possible model screening system

Diethylcarbamazine
Laemmler, G.; Gruener, D.; and Zahner, H., 1975, Tropenmed. u. Parasitol., v. 26 (1), 98-110
Litomosoides carinii in Mastomys natalensis (exper.), peripheral blood composition before and after therapy with diethylcarbamazine or suramin (or combination) or HOE 258 V, effects of therapy on pathologic changes

Diethylcarbamazine -- Continued.

Diethylcarbamazine + Suramin
Laemmler, G.; Gruener, D.; and Zahner, H., 1975, Tropenmed. u. Parasitol., v. 26 (1), 98-110
Litomosoides carinii in Mastomys natalensis (exper.), peripheral blood composition before and after therapy with diethylcarbamazine or suramin (or combination) or HOE 258 V, effects of therapy on pathologic changes

Diethylcarbamazine (Franocid)
Laemmler, G.; and Wolf, E., 1977, Tropenmed. u. Parasitol., v. 28 (2), 205-225
Litomosoides carinii in Mastomys natalensis (exper.), 17 anthelmintics and chemotherapeutics comparatively tested for their chemoprophylactic activity against various larval stages of the parasites

Diethylcarbamazine (Notezine)
Laurens, A.; et al., 1973, Medecine et Armees, v. 1 (4), 61-64
woman, hemato-chyluria of filarial origin, diagnosis by lymphography, case report, diethylcarbamazine

Diethylcarbamazine
Mak, J. W.; et al., 1974, Southeast Asian J. Trop. Med. and Pub. Health, v. 5 (2), 226-229
Brugia malayi, infection of human conjunctiva with recovery of adult male and female worms from conjunctival cyst, woman's microfilaremia successfully treated with diethylcarbamazine: near Segamat, Johore, Indonesia

Diethylcarbamazine
Meyers, W. M.; and Connor, D. H., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (5-6), 524-525
human Onchocerca volvulus and Dipetalonema streptocerca in persons with leprosy, altered Mazzotti reactions following administration of diethylcarbamazine, possible immunological implications

Diethylcarbamazine citrate
Muller, R., 1976, Pathophysiol. Parasit. Infect., 133-147
Dracunculus medinensis in rhesus monkeys, pathological processes associated with emergence of female worms, chemotherapy (some drugs had no effect on pre-emergent worms but markedly reduced host tissue reaction thus allowing easier extraction)

Diethylcarbamazine
Ottesen, E. A.; Weller, P. F.; and Heck, L., 1977, Immunology, v. 33 (3), 413-421
Wuchereria bancrofti, human, antigen-specific cellular immune unresponsiveness, unchanged 2 weeks after diethylcarbamazine treatment, this immunologic deficit may be of fundamental importance in pathogenesis of filarial disease: Mauke, Cook Islands

Diethylcarbamazine -- Continued.

Hetrazan
Partono, F.; et al., 1972, Southeast Asian J. Trop. Med. and Pub. Health, v. 3 (4), 537-547
Brugia malayi, epidemiologic survey to establish extent of human filariasis (nocturnally periodic), vectors (Anopheles barbirostris) and reservoir hosts (none found); trials with hetrazan resulted in marked decrease of microfilariae in carriers: Margolembo, South Sulawesi

Diethylcarbamazine
Picq, J. J.; and Roux, J., 1973, Medecine Trop., v. 33 (5), 451-461
Onchocerca volvulus, human, microfilaruria in relation to age and sex of host, other filarial diseases, geographic region, cutaneous microfilarial densities, albuminuria during suramin treatment, eggs of Schistosoma haematobium in urine, and diethylcarbamazine chemotherapy

Diethylcarbamazine
Poux, J.; and Picq, J. J., 1974, Medecine et Armees, v. 2 (10), 877-882
Onchocerca volvulus, occurrence of microfilaria during treatment with diethylcarbamazine, possible correlation with infection intensity: Haute-Volta

Diethylcarbamazine (Hetrazan; Banocide)
Ree, G. H., 1977, Brit. J. Dermat., v. 97 (5), 551-554
Onchocerca volvulus, humans, assessment of diethylcarbamazine for therapy, mixed results in clinical trials with 48% cure rate after one course of drug; criteria for cure still uncertain

Diethylcarbamazine (Banocide; Hetrazan)
Ree, G. H.; et al., 1977, Tr. Roy. Soc. Trop. Med. and Hyg., v. 71 (6), 542-543
filariasis, onchocerciasis, blood plasma levels of diethylcarbamazine after oral administration to humans, results show that drug is rapidly absorbed from gastrointestinal tract and reaches peak levels at 1-2 hours after administration

Diethylcarbamazine
Rougemont, A.; et al., 1974, Medecine Trop., v. 34 (4), 508-522
Onchocerca volvulus, histopathology of cutaneous reactions and microfilarial response in persons treated with diethylcarbamazine or suramine

Diethylcarbamazine
Rougemont, A.; et al., 1976, Bull. World Health Organ., v. 54 (4), 403-410
human onchocerciasis, large-scale mass treatment trials (native villagers over 10 years of age) using oral diethylcarbamazine, advantages and disadvantages of program and follow-up studies: Bamako, Mali

Diethylcarbamazine -- Continued.

Diethylcarbamazine citrate (Hetrazan)
Sacks, H. N.; Williams, D. N.; and Eifrig, D. E., 1976, Arch. Int. Med., Chicago, v. 136 (8), 914-915
Loa loa adult female excised from upper eyelid of Nigerian residing in Minnesota, follow-up therapy with diethylcarbamazine, case report of variations in clinical features from those observed in endemic areas

Diethylcarbamazine
Salfield, S., 1975, Med. J. Australia, v. 1 (9), 264-267
clinical report of 19 cases of human arthritis attributed to filarial Wuchereria bancrofti, good response to treatment with diethylcarbamazine: Papua New Guinea

Banocide + Phenothiazine
Sen, S.; and Das, D. K., 1976, Indian J. Animal Health, v. 15 (1), 83
humpsore, cattle, florocide treatment compared with phenothiazine-banocide ointment

Diethylcarbamazine citrate (Supatonin)
Seo, B. S., 1975, J. National Acad. Sc., Republic Korea, Nat. Sc. s., v. 14, 177-229
Brugia malayi, humans, survey, incidence and prevalence rates, mathematical analysis, clinical aspects, diethylcarbamazine citrate, mass treatment program at 3 dosage schedules, histopathology, adenolymphangitis in untreated and treated cases: Cheju Island, Korea

Diethylcarbamazine citrate
Sharma, L. D.; Sabir, M.; and Bhattacharyya, N. K., 1976, Indian J. Physiol. and Pharmacol., v. 20 (2), 69-70
Theileria annulata, bull calves (exper.), diethylcarbamazine citrate, good results

Diethylcarbamazine citrate (DEC)
Smit, A. M.; and Zuidema, P. J., 1973, Nederl. Tijdschr. Geneesk., v. 117 (33), 1225-1230
Onchocerca volvulus in European travelers to West or Central Africa, presentation mainly as a skin disease, 100 case reports, diethylcarbamazine drug of choice with follow-up of suramine if needed: Netherlands

Diethylcarbamazine citrate (Hetrazan citrate)
Srivastava, V. M. L.; and Khan, M. M., 1976, Indian J. Exper. Biol., v. 14 (4), 504-505
in vitro enzymatic demethylation of diethylcarbamazine mediated by rat liver microsomes

Diethylcarbamazine citrate
Stammers, B. M., 1975, Ztschr. Parasitenk., v. 47 (2), 145-150
Fasciola hepatica, disruption of spermatogenesis, known fasciolicides and other anthelmintics tested

Diethylcarbamazine -- Continued.

Diethylcarbamazine (Caricide)
Stockdale, P. H. G.; and Smart, M. E., 1975, Research Vet. Sc., v. 18 (2), 178-181
Crenosoma vulpis, dogs (exper.), treatment with levamisole, diethylcarbamazine, thiacetarsamide, and cyacetazide (from most to least effective), pulmonary lesions

Diethylcarbamazine
Sturm, P. A.; et al., 1977, J. Med. Chem., v. 20 (10), 1333-1337
Litomosoides carinii in gerbils (exper.), 3-aminopyrrolidines and 1,4-diazabicyclo [3.2.1.]octane derivatives acted as potent microfilaricides but showed no activity against adult worms in laboratory trials comparing activity with that of diethylcarbamazine

Diethylcarbamazine
Suzuki, T.; and Sone, F., 1975, Nettai Igaku (Trop. Med.), v. 16 (3), 147-156
Wuchereria bancrofti, survey of Aedes polynesiensis and A. samoanus vector mosquitoes pre- and post- mass diethylcarbamazine therapy to evaluate effectiveness of disease control efforts: Western Samoa

Diethylcarbamazine
Tanaka, H.; et al., 1977, Southeast Asian J. Trop. Med. and Pub. Health, v. 8 (1), 19-26
Litomosoides carinii in Sigmodon hispidus (exper.), suppression of microfilaricidal activity of diethylcarbamazine by anti-lymphocyte and anti-thymocyte serum establishes role of lymphocytes in mechanism of drug action

Diethylcarbamazine (Notezine; Hetrazan; Banocide)
Vedy, J.; et al., 1975, Medecine et Armees, v. 3 (10), 851-858
Onchocerca volvulus, human bilateral onchocercal papillitis, clinical management, diagnosis, aggravation of condition with diethylcarbamazine treatment: Tchad

Diethylcarbamazine (Notezine)
Vedy, J.; and Sirol, J., 1971, Medecine Trop., v. 31 (6), 559-564
youth with sub-acute bilateral edematous papillitis associated with anodular onchocerciasis, macrofilarial treatment with suramin, followed by diethylcarbamazine resulted in degenerative chorioretinopathy probably caused by diethylcarbamazine treatment: Tchad

Diethylcarbamazine citrate + Suramin
Viljoen, J. H., 1976, J. South African Vet. Ass., v. 47 (3), 161-169
Parafilaria bovicola, calves, prepatent period, clinical aspects, filaricidal effects of 9 compounds; levamisole hydrochloride and fenbendazole reasonably effective: vicinity of Onderstepoort

Diethylcarbamazine -- Continued.

Diethylcarbamazine citrate + Morantel tartrate (Ovithelm-plus; Bovhelm-plus)
Vujic, B.; Pop-Cenic, S.; and Blagojevic, R., 1976, Vet. Glasnik, v. 30 (1), 11-17
sheep, morantel tartrate + diethylcarbamazine effective against Dictyocaulus filaria and most gastrointestinal helminths except Strongyloides papillosus, Trichuris ovis, and Moniezia sp.

Diethylcarbamazine
Wiseman, R. A.; Woodruff, A. W.; and Pettitt, L. E., 1971, Tr. Roy. Soc. Trop. Med. and Hyg., v. 65 (5), 591-598
Toxocara canis, effects of diethylcarbamazine and thiabendazole on survival of larvae in mice (exper.); humans treated with diethylcarbamazine showed decreases in antibody levels soon after therapy started

Diethylcarbamazine
Wong, M. M.; et al., 1977, Southeast Asian J. Trop. Med. and Pub. Health, v. 8 (2), 265-273
Brugia malayi, summary of longitudinal studies of 28 rhesus monkeys experimentally infected with single, double or multiple inoculations of larvae: clinical aspects, antibody responses, pathology, treatment with diethylcarbamazine, host biochemical changes, microfilaremia

Diethylcarbamazine (DEC)
Zahner, H.; et al., 1976, Ztschr. Parasitenk., v. 50 (2), 224
Litomosoides carinii in Mastomys natalensis, diethylcarbamazine and haloxon treatment, reduction of microfilaremia, immobilization of microfilariae in various organs

Diethylcarbamazine citrate (DEC)
Zymet, C. L., 1977, Vet. Med. and Small Animal Clin., v. 72 (12), 1848-1852
Dirofilaria immitis, dog, shock syndrome resulting from administration of diethylcarbamazine citrate, case history, tentative diagnosis of Addisonian crisis

Diethylcarbamazine citrate. See Diethylcarbamazine.

0,0-Diethyl 0-(3-chloro-4-methyl-2-oxo-2H-1-benzopyran-7-yl) phosphorothioate. See Coumaphos.

0,0-Diethyl-0-(3-chloro-4-methyl-umbelliferyl) phosphorothioate. See Coumaphos.

Diethyl 2-isopropyl-6-methyl-4-pyrimidinyl phosphorothionate. See Diazinon.

0,0-Diethyl-0-naphthaloximide phosphate. See Phthalophos.

Diethyl p-nitrophenyl phosphate -- E 600; Mintacol; Paraoxon; 0,0-Diethyl-0-nitrophenyl phosphate.

Paraoxon (E 600; Mintacol)
Ramisz, A.; and Szankowska, Z., 1976, Folia Histochem. et Cytochem., v. 14 (4), 321-326
Trichinella spiralis, mice, administration of paraoxon under the protection of toxobidin (an acetylcholinesterase reactivator), effect on cholinesterases in host skeletal muscles

0,0-Diethyl-0-p-nitrophenyl phosphate. See Diethyl p-nitrophenyl phosphate.

0,0-Diethyl-0-(4-nitrophenyl)phosphorothioate. See Parathion.

0,0-Diethyl 0-(p-nitrophenyl) phosphorothioate-methyl. See Methyl parathion.

Diethyl 4,4'-o-phenylene bis (3-thioallophanate). See Thiophanate.

0,0-Diethyl phosphonodithioate S-ester with 1-(mercaptomethyl)-4-methyl-3-(trifluoromethyl-Δ^2-1,2,4-triazoline-5-thione) (Eli Lilly EL-411)
Drummond, R. O.; et al., 1976, J. Econom. Entom., v. 69 (1), 37-40
Boophilus annulatus, B. microplus, acaricides, laboratory tests, spray and dip tests with cattle

0,0-Diethyl phosphorodithioate S-ester with 4-(mercaptomethyl)-2-methoxy-Δ^2-1,3,4-thiadiazolin-5-one (Geigy GS-13006)
Drummond, R. O.; et al., 1976, J. Econom. Entom., v. 69 (1), 37-40
Boophilus annulatus, B. microplus, acaricides, laboratory tests, spray and dip tests with cattle

Diethyl [thio [o-[3-(p-tolylsulfonyl) ureido] phenyl] carbamoyl] phosphoramidate. See Diuredosan.

0,0-Diethyl 0-(3,5,6-trichloro-2-pyridyl) phosphorothioate. See Dursban.

Difetarsone. See Diphetarsone.

Diflubenzuron -- N-[[(4-Chlorophenyl)-amino]carbonyl]-2,6-difluorobenzamide; N-(4-Chlorophenyl)-N'-(2,6-difluorobenzoyl) urea.

Diflubenzuron
Chamberlain, W. F.; and Becker, J. D., 1977, Southwest. Entom., v. 2 (4), 179-182
Xenopsylla cheopis, inhibition of cocoon formation and adult emergence by insect growth regulators, possible means of control

Diflubenzuron -- Continued.

Diflubenzuron
Hopkins, D. E.; and Chamberlain, W. F., 1976, Southwest Entom., v. 1 (3), 114-117
Haematobia irritans, exposure of egg, larval, and pupal stages to manure of diflubenzuron treated cattle, inhibited development during early part of 3rd instar

Diflubenzuron
Kunz, S. E.; et al., 1977, J. Econom. Entom., v. 70 (3), 298-300
Haematobia irritans, cattle, diflubenzuron, inhibited development of eggs and larvae: Falls County, Texas

Diflubenzuron
Kunz, S. E.; and Bay, D. E., 1977, Southwest. Entom., v. 2 (1), 27-31
Haematobia irritans, effects of diflubenzuron on mortality, fecundity, and reproduction, results show that fecundity and longevity were unaffected while egg hatch and larval development were reduced

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Diformyl dapsone -- DFD; WR 6798.

Diformyl dapsone (WR 6798)
Davidson, D. E., jr.; et al., 1976, Am. J. Trop. Med. and Hyg., v. 25 (1), 26-33
Plasmodium cynomolgi var. bastianellii, trophozoite-induced malaria in Macaca mulatta as antimalarial drug testing system

Diformyldapsone + Pyrimethamine
Doberstyn, E. B.; et al., 1976, Am. J. Trop. Med. and Hyg., v. 25 (1), 14-19
Plasmodium falciparum, human, pyrimethamine alone ineffective, in combination with diformyldapsone not sufficiently active, in combination with sulfadoxine acceptable if preceded by short course of quinine

Diformyldapsone + Pyrimethamine
Pearlman, E. J.; et al., 1977, Am. J. Trop. Med. and Hyg., v. 26 (6, part 1), 1108-1115
Plasmodium falciparum, P. vivax, chloroquine resistant strains, field trials comparing efficacy of pyrimethamine combined with either sulfadoxine or diformyldapsone: Thailand

Diformyldapsone
Pearlman, E. J.; Thiemanun, W.; and Castaneda, B. F., 1975, Am. J. Trop. Med. and Hyg., v. 24 (6, pt. 1), 901-909
Plasmodium falciparum, P. vivax, chemosuppressive field trials testing efficacy of diformyldapsone alone and in combination with pyrimethamine, comparisons with dapsone and pyrimethamine: Thailand

Diformyl dapsone -- Continued.

Diformyldapsone + Pyrimethamine
Pearlman, E. J.; Thiemanun, W.; and Castaneda, B. F., 1975, Am. J. Trop. Med. and Hyg., v. 24 (6, pt. 1), 901-909
Plasmodium falciparum, P. vivax, chemosuppressive field trials testing efficacy of diformyldapsone alone and in combination with pyrimethamine, comparisons with dapsone and pyrimethamine: Thailand

WR 6,798 (DFD)
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

Diformyl dapsone
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

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N, N-Diheptyl-4-pentyloxynaphthamidine (Burroughs Wellcome compound 61-435)
Saz, H. J.; and Lescure, O. L., 1968, Molec. Pharm., v. 4 (4), 407-410
Ascaris lumbricoides var. suis, inhibition by anticestodal agents of mitochondrial ^{32}P-ATP exchange reaction, indicates that selective toxicity of these compounds for cestodes is a result of differences in permeability between these two groups of helminths

2,4-Dihexanoyl-6-methylphloroglucinol (Smith Kline and French compound 90,625)
Saz, H. J.; and Lescure, O. L., 1968, Molec. Pharm., v. 4 (4), 407-410
Ascaris lumbricoides var. suis, inhibition by anticestodal agents of mitochondrial ^{32}P-ATP exchange reaction, indicates that selective toxicity of these compounds for cestodes is a result of differences in permeability between these two groups of helminths

3,4-Dihydro-2,2-dimethyl-2H-naphthol[1,2-b] pyran-5,6-dione. See β-Lapachone.

Dihydroemetine. See Emetine.

Dihydroquinine H_2SO_4. See Hydroquinine.

Dihydroquinine sulphate. See Hydroquinine.

Dihydrostreptomycin -- Combiotic (with Penicillin).

Combiotic
Roegge, M. A.; Rutledge, W. P.; and Guest, W. C., 1977, Aquaculture, v. 12 (2), 137-140
Zoothamnium sp. on larval Macrobrachium acanthurus, chemical control: copper sulfate, dylox, methylene blue, terramycin, combiotic, potassium permanganate, Roccal, nitrofurazone, and malachite green showed little control or were toxic to larvae; formalin at 50 ppm gave complete control, and had no ill effects on larvae: aquaculture, Kerr County, Texas

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2,6-Dihydroxybenzoic acid-4'-bromanilide. See Resorantel.

2,2'-Dihydroxy-3,3'-dinitro-5,5'-dichloro-diphenyl. See Niclofolan.

5,6-Dihydroxy-8-(5-isopropylaminopentylamino) quinoline -- WR 49,577; WR 49,577 2 HBr.

WR 49,677 [in Table as 49,577]
Hanson, W. L.; Chapman, W. L., jr.; and Kinnamon, K. E., 1977, Internat. J. Parasitol., v. 7 (6), 443-447
Leishmania donovani in Mesocricetus auratus model, existing procedure modified to make possible screening of 10-15 selected compounds per week for antileishmanial activity, glucantime used as reference compound

WR 49,577 2 HBr
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

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2,2'-Dihydroxy-3-3-5-5-6-pentachloro benzanilide. See Oxyclozanide.

3,5-Diiodo-3'-chloro-4'-(p-chlorophenoxy)-salicylanilide. See Rafoxanide.

Diiodohydroxyquin -- Diiodohydroxyquinoline; Diodohydroxyquin; Diodoquin.

Diodohydroxyquin
Entner, N.; and Grollman, A. P., 1973, J. Protozool., v. 20 (1), 160-163
Entamoeba histolytica, effect of amebicidal agents on protein synthesis, correlation of drug structural characteristics with biologic activity, implications for designing drugs with increased margin of selective toxicity for parasite vs. host

Diiodohydroxyquin -- Continued.

Diiodohydroxyquin (Diodoquin)
Gregory, P. B., 1976, Gastroenterology, v. 70 (4), 585-588
case report of refractory hepatic amoebiasis in man despite multiple courses of emetine, chloroquine, and metronidazole, final resolution of infection after treatment of Entamoeba histolytica intestinal infection with various drugs considered as probable cause of continuing reinfection of liver: California

Diiodohydroxyquinoline
Mahmoud, A. A. F.; and Warren, K. S., 1976, J. Infect. Dis., v. 134 (6), 639-643
Entamoeba histolytica, algorithms in the diagnosis and management of human infections

Diiodohydroxyquin
Rodgerson, E. B., 1972, Obst. and Gynec., v. 40 (3), 327-333
human Trichomonas vaginalis in presence of vulvar and vaginal papillomas, treatment of trichomoniasis with metronidazole alone or in conjunction with diiodohydroxyquin frequently resulted in changes in or disappearance of papillomas, possible role of Trichomonas in action of viruses: California

Diodoquin
Vakil, B. J.; and Dalal, N. J., 1974, Progr. Drug Research, v. 18, 353-364
Entamoeba histolytica, humans, techniques for comparative evaluation of amoebicidal drugs: sites of action, efficacy, side effects, and toxicity

Di-iodohydroxyquin
Wilde, H., 1973, N. England J. Med., v. 289 (7), 378 [Letter]
Entamoeba histolytica, case reports of poor response of hepatic abscess to metronidazole therapy, cure after emetine, chloroquine and di-iodohydroxyquin: Thailand

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Diiodohydroxyquinoline. See Diiodohydroxyquin.

2,6-Diiodo-4-nitrophenol. See Disophenol.

Dikol [of Mohammed, M. A.; Atef, M.; and Shihata, I. M., 1976]. See Chloroxylenol or Dichloroxylenol.

Dikresil -- Dicresyl; Dicresyl ether N-methylcarbamine acid.

Dicresyl
Gladenko, I. M.; et al., 1975, Veterinariia, Kiev (42), 102-107
R[hipicephalus] bursa, H[yalomma] plumbeum, sheep treated with dip in trolene, sevin or dicresyl, tick control, no effect on sheep

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Diloxanide -- Diloxanide furoate; Entamide.

Diloxanide furoate + Metronidazole
Powell, S. J.; Stewart-Wynne, E. J.; and Elsdon-Dew, R., 1973, Ann. Trop. Med. and Parasitol., v. 67 (3), 367-368
Entamoeba histolytica, human, metronidazole combined with diloxanide furoate cured liver abscess and eliminated intestinal infection in most subjects

Diloxanide
Vakil, B. J.; and Dalal, N. J., 1974, Progr. Drug Research, v. 18, 353-364
Entamoeba histolytica, humans, techniques for comparative evaluation of amoebicidal drugs: sites of action, efficacy, side effects, and toxicity

Entamide
Vakil, B. J.; and Dalal, N. J., 1974, Progr. Drug Research, v. 18, 353-364
Entamoeba histolytica, humans, techniques for comparative evaluation of amoebicidal drugs: sites of action, efficacy, side effects, and toxicity

Diloxanide furoate
Zuidema, P. J., 1975, Nederl. Tijdschr. Geneesk., v. 119 (35), 1339-1345
Entamoeba histolytica, human hepatic amoebic abscesses, treatment regimens using metronidazole, emetine and diloxanide furoate

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Diloxanide furoate. See Diloxanide.

Dimethoate -- Dimethyl S-(N-methylcarbamoylmethyl) phosphorothiolothionate.

Dimethoate
Rawlins, S. C.; and Mansingh, A., 1977, J. Econom. Entom., v. 70 (6), 697-698
Boophilus microplus, Amblyomma cajennense, and Anocentor nitens, susceptibility of Jamaican strains to various acaricides

Dimethoate
Rawlins, S. C.; and Mansingh, A., 1977, PANS, v. 23 (2), 137-142
Boophilus microplus, Jamaican strain, susceptibility to 35 acaricides, carbamates more effective than organophosphates or formamidines, chlorinated hydrocarbons least effective, comparison of resistance pattern with susceptible and resistant Australian strains

Dimethoate
Roulston, W. J.; et al., 1977, Austral. J. Agric. Research, v. 28 (2), 345-354
Boophilus microplus, characterization of three strains of organophosphorus-resistant cattle ticks, resistance to organophosphorus and carbamate acaricides: Bajool, Tully and Ingham, northern Queensland

Dimethoate -- Continued.

Dimethoate
Stone, B. F.; Wilson, J. T.; and Youlton, N. J., 1976, Austral. J. Biol. Sc., v. 29 (3), 251-263
Boophilus microplus, 3 strains, linkage and dominance characteristics of genes for resistance to organophosphorus acaricides and allelic inheritance of decreased brain cholinesterase activity

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Dimethoxon
Stone, B. F.; Nolan, J.; and Schuntner, C. A., 1976, Austral. J. Biol. Sc., v. 29 (3), 265-279
Boophilus microplus, 3 strains, biochemical genetics of resistance to organophosphorus acaricides: inheritance of decreased brain acetylcholinesterase activity, inheritance of decreased AChE sensitivity, inheritance of increased detoxication

Dimethoxon
Stone, B. F.; Wilson, J. T.; and Youlton, N. J., 1976, Austral. J. Biol. Sc., v. 29 (3), 251-263
Boophilus microplus, 3 strains, linkage and dominance characteristics of genes for resistance to organophosphorus acaricides and allelic inheritance of decreased brain cholinesterase activity

1,2-Dimethoxy-4-(bis-diethylaminoethyl)-amino-5-bromobenzene -- RC-12.

1,2-Dimethoxy-4-(bis-diethylaminoethyl)-amino-5-bromobenzene (RC-12)
Clyde, D. F.; McCarthy, V. C.; and Miller, R. M., 1974, Tr. Roy. Soc. Trop. Med. and Hyg., v. 68 (2), 167-168 [Letter]
Plasmodium vivax, inactivity of RC-12 as causal prophylactic and relapse inhibitor when administered alone or with chloroquine in experimental human trials

RC 12
Fink, E.; et al., 1973, Prog. Med., Paris, v. 101 (7), 281 [Abstract]
Plasmodium berghei yoelii, mice (exper.), establishment of mean causal prophylactic dose of selected antimalarial and experimental compounds

1,2 Dimethoxy-4-(bis-diethylaminoethyl)-amino-5-bromobenzene (RC-12)
Omar, M. S.; and Collins, W. E., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (3), 423-424 [Letter]
Plasmodium cynomolgi, antimalarial activity of RC-12 against gametocytes and sporogony

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9-(3,4-Dimethoxyphenyl)-2,6-dimethyl-2,6-monadiene
Boisvenue, R. J.; Emmick, T. L.; and Galloway, R. B., 1977, Exper. Parasitol., v. 42 (1), 67-72
Haemonchus contortus, some compounds with juvenile hormone activity inhibited in vitro development of infective larvae, none of these compounds had anthelmintic properties against Ascaris suum or Nematospiroides dubius in mice

Dimethoxy-5,6-sulfanilamido-4 pyrimidine. See Sulfadoxine.

1,6-Di[1-methylallyl]-dithiocarbamoylhydrazine
Oettel, M.; et al., 1975, Pharmazie, v. 30 (5), 321-324
Eimeria tenella; E. acervulina, drug screening in chickens comparing 1,6-di[1-methylallyl]-dithiocarbamoylhydrazine and meticlorpindol

1-(4-Dimethylaminobut-2-ynyl) pyrrolid-2-one
Bigg, D. C. H.; and Purvis, S. R., 1976, Nature, London (5565), v. 262, 220-222
8 muscarinic agonists (compared with nicotine and pyrimithate), activity against Boophilus microplus, possible new class of acaricide

1-(4-Dimethylaminobut-2-ynyl) pyrrolid-2-one methiodide
Bigg, D. C. H.; and Purvis, S. R., 1976, Nature, London (5565), v. 262, 220-222
8 muscarinic agonists (compared with nicotine and pyrimithate), activity against Boophilus microplus, possible new class of acaricide

7-Dimethylamino-6-demethyl-6-deoxytetracycline. See Minocycline.

6-Dimethylamino-2-[2(2,5-dimethyl-1-phenyl-3-pyrroyl)vinyl]-1-methylquinolinium embonate. See Pyrvinium.

p-Dimethylamino-hydantoin
Heischkeil, R., 1973, Ztschr. Tropenmed. u. Parasitol., v. 24 (4), 505-516
Plasmodium vinckei, chemotherapeutic activity of selected antagonists of folic acid metabolism with special reference to structure-activity relationships, comparison with some standard antimalarials; some compounds also exert noxious effect on host

2,4-Dimethyl-6-(4-amino-1-methylbutylamino)-5,8-dimethoxyquinoline naphtholdisulfonate
Fink, E.; et al., 1973, Prog. Med., Paris, v. 101 (7), 281 [Abstract]
Plasmodium berghei yoelii, mice (exper.), establishment of mean causal prophylactic dose of selected antimalarial and experimental compounds

8-Dimethylamino-8-norriboflavine (Roseoflavine)
Graham, D. W.; et al., 1977, Experientia, v. 33 (10), 1274-1276
Eimeria tenella, E. acervulina, anticoccidial activity of riboflavine antagonists

2-[3-(Dimethylamino) propyl-amino]-4-(trichloromethyl)-6-(α,α,α-trichloro-m-tolyl)-2-triazine -- WR 99,662.

WR 99,662
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

WR 99,662
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

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Dimethylcysteine. See Penicillamine.

2,6-Dimethyl-3,5-dichlor-4-hydroxypyridine. See Meticlorpindol.

O,O-Dimethyl-O-1-(2,4-dichlorophenyl)-2-bromovinyl phosphate -- IPO-63.

IPO-63
Janeczek, W.; Koprowski, J.; and Patyk, S., 1975, Med. Wet., v. 31 (12), 736-737
Demodex canis, dogs; Notoedres cati, cats, treatment with chlorfenvinphos compounds

IPO-63
Patyk, S.; and Kliszewski, W., 1976, Med. Wet., v. 32 (8), 471-473
ectoparasites, domestic animals, control with enolophosphates IPO-62 and IPO-63

0,0-Dimethyl O-(2,2-dichlorovinyl)-phosphate. See Dichlorvos.

2,4-Dimethyl-6-(4-diethylamino-1-methylbutylamino)-5,8-dimethoxyquinoline naphtholdisulfonate
Fink, E.; et al., 1973, Prog. Med., Paris, v. 101 (7), 281 [Abstract]
Plasmodium berghei yoelii, mice (exper.), establishment of mean causal prophylactic dose of selected antimalarial and experimental compounds

1,5-Dimethyl-6-hydro-pyrido-4,3b-carbazole. See Olivacine.

0,0-Dimethyl (1-hydroxy-2,2,2-trichloro) ethanephosphonate. See Trichlorfon.

0,0-Dimethyl-1-hydroxy 2,2,2-trichloroethylphosphonate. See Trichlorfon.

Dimethyl S-(N-methylcarbamoylmethyl) phosphorothiolothionate. See Dimethoate.

2,6-Dimethyl-9-(3,4-methylene dioxyphenyl)-2,6-monadiene
Boisvenue, R. J.; Emmick, T. L.; and Galloway, R. B., 1977, Exper. Parasitol., v. 42 (1), 67-72
Haemonchus contortus, some compounds with juvenile hormone activity inhibited in vitro development of infective larvae, none of these compounds had anthelmintic properties against Ascaris suum or Nematospiroides dubius in mice

2,6-Dimethyl-9-(3,4-methylenedioxyphenyl)nonane
Boisvenue, R. J.; Emmick, T. L.; and Galloway, R. B., 1977, Exper. Parasitol., v. 42 (1), 67-72
Haemonchus contortus, some compounds with juvenile hormone activity inhibited in vitro development of infective larvae, none of these compounds had anthelmintic properties against Ascaris suum or Nematospiroides dubius in mice

Dimethyl 3-methyl-4-methylthiophenyl phosphorothionate. See Fenthion.

0,0-Dimethyl 0-(3-methyl 4-methylthiophenyl) phosphorothioate. See Fenthion.

0,0-Dimethyl-0-(4-methylthio-m-tolyl)ester. See Fenthion.

0,0-Dimethyl 0-[4-(methylthio)-m-tolyl]phosphorothioate. See Fenthion.

1,2-Dimethyl-5-nitroimidazole. See Dimetridazole.

N-N-Dimethyl-2-nitro-1-imidazole-butyramide (Ro 7-2430)
Schlemper, B. R., jr.; Chiari, E.; and Brener, Z., 1977, J. Protozool., v. 24 (4), 544-547
Trypanosoma cruzi, 48-hr drug screening test based on inhibition of exponential growth of culture forms as evaluated by cell counter, comparison with data from treating inoculated mice, advantages of in vitro method; culture forms not suitable for screening additives to prevent T. cruzi transmission by banked blood

3,7-Dimethyl-2,6-octadienyl 3-methoxyphenyl ether
Boisvenue, R. J.; Emmick, T. L.; and Galloway, R. B., 1977, Exper. Parasitol., v. 42 (1), 67-72
Haemonchus contortus, some compounds with juvenile hormone activity inhibited in vitro development of infective larvae, none of these compounds had anthelmintic properties against Ascaris suum or Nematospiroides dubius in mice

3,7-Dimethyl-2,6-octadienyl 4-methoxyphenyl ether
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Haemonchus contortus, some compounds with juvenile hormone activity inhibited in vitro development of infective larvae, none of these compounds had anthelmintic properties against Ascaris suum or Nematospiroides dubius in mice

3,7-Dimethyl-2,6-octadienyl-3,4-methylenedioxybenzoate
Boisvenue, R. J.; Emmick, T. L.; and Galloway, R. B., 1977, Exper. Parasitol., v. 42 (1), 67-72
Haemonchus contortus, some compounds with juvenile hormone activity inhibited in vitro development of infective larvae, none of these compounds had anthelmintic properties against Ascaris suum or Nematospiroides dubius in mice

(E)-5-[(3,7-Dimethyl-2,6-octadienyl)oxy]-2-ethylpyridine (HS-103)
Chamberlain, W. F.; Hopkins, D. E.; and Gingrich, A. R., 1976, Southwest. Entom., v. 1 (1), 1-8
Bovicola limbatus, Angora goats, growth regulators, spray vs. pour on

(E)-5-[(3,7-Dimethyl-2,6-octadienyl)oxy]-2-methylpyridine (HS-2)
Chamberlain, W. F.; Hopkins, D. E.; and Gingrich, A. R., 1976, Southwest. Entom., v. 1 (1), 1-8
Bovicola limbatus, Angora goats, growth regulators, spray vs. pour on

N'-(4,5-Dimethyl-2-oxazolyl)-sulfanilamide. See Sulfamoxole.

Dimethyl (2-phenoxyethyl)-2-thenylammonium iodide. See Thenium iodide.

N'-(2,4-Dimethylphenyl)-N-methyl formamidine (BTS-27271)
Binnington, K. C.; and Rice, M. J., 1977, J. Austral. Entom., v. 16 (1), 80
Boophilus microplus, BTS-27271, rapid transient increase of spike frequency in a coxal nerve, increased motor activity following treatment linked with tendency of tick to detach from host

Dimethyl phosphate ester with (E)-3-hydroxy-N-methylcrotonamide. See Monocrotophos.

O-O-Dimethyl phosphorodithioate S-ester with 3-(mercaptomethyl)-1-methylhydantoin (Hercules 17413)
Drummond, R. O.; et al., 1976, J. Econom. Entom., v. 69 (1), 37-40
Boophilus annulatus, B. microplus, acaricides, laboratory tests, spray and dip tests with cattle

N,N-(Dimethylquinolylium-methyl-sulphate-6)-urea. See 1,3-Di-6-quinolylurea.

O,O-Dimethyl O-p-sulfamoylphenyl phosphorothioate -- Cyflee; Cythioate.

Cythioate (Cyflee)
Laemmler, G.; and Gruener, D., 1975, Tropenmed. u. Parasitol., v. 26 (3), 359-369
Litomosoides carinii in Mastomys natalensis (exper.), 12 organophosphorus compounds tested for efficacy against micro- and macrofilarial infections

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Dimethylsulphoxide + Ditrifon
Kobulej, T., 1972, Parasitol. Hungar., v. 5, 273-285
Hypoderma spp. in cattle, suggested control measure to be carried out in autumn on all cattle in endemic areas using ditrifon + dimethylsulphoxide as a pour-on dressing: Hungary

O,O-Dimethyl-2,2,2-trichloroethylphosphonate. See Trichlorfon.

O,O-Dimethyl-2,2,2-trichloro-O-1-hydroxyethyl-phosphate. See Trichlorfon.

Dimethyl (2,2,2-trichloro-1-hydroxyethyl) phosphonate. See Trichlorfon.

O,O-Dimethyl-O-(2,4,5-trichlorophenyl) phosphorothioate. See Ronnel.

O,O-Dimethyl O-3,5,6-trichloro-2-pyridylphosphate. See Fospirate.

Dimethyl 3,5,6-tri-chlor-2-pyridyl phosphate. See Fospirate.

Dimetridazole -- 1,2-Dimethyl-5-nitroimidazole; Emtryal; Emtryl.

Dimetridazole (Emtryl)
Boorman, G. A.; et al., 1973, Lab. Animal Sc., v. 23 (2), 187-193
Hexamita muris, Giardia muris, potentially pathogenic in newly weaned mice, causing enteritis and mortality in association with normal intestinal bacterial flora, quinacrine dihydrochloride not effective in reducing mortality, dimetridazole effective

Dimetridazole (Emtryl)
Kunstyr, I.; Ammerpohl, E.; and Meyer, B., 1977, Lab. Animal Sc., v. 27 (5), part II, 782-788
Spironucleus muris, nude mouse (exper.) an excellent model for immunologic and pharmacologic studies; dimetridazole, metronidazole, tinidazole, and Acranil tested

Dimetridazole
Lucas, I. A. M., 1972, Proc. Nutrition Soc., v. 31 (1), 1-8
antiprotozoal agents added to feed of farm animals, review of accepted agents and suggested usage and dosages

Dimetridazole -- Continued.

Dimetridazole
McLoughlin, D. K.; and Chute, M. B., 1975, Proc. Helminth. Soc. Washington, v. 42 (2), 183-184
Trypanosoma theileri in peripheral blood and in bloody vaginal washings of Hereford cows being used for exper. treatment studies of Tritrichomonas foetus infections (dimetridazole), transitory urogenital disturbance

Dimetridazole
Meingassner, J. G.; and Mieth, H., 1976, Experientia, v. 32 (2), 183-184
Tritrichomonas foetus, induction of metronidazole resistance, marked cross-resistance to other 5-nitroimidazole-derivatives in vitro and in vivo

Dimetridazole (Emtryal)
Sackman Muriel, C., 1977, Gac. Vet., Buenos Aires (317), v. 39, 46-53
bovine trichomoniasis, dimetridazole, bulls: provincias de Buenos Aires, Santa Fe, Cordoba y San Luis

Dimetridazole (Emtryl)
Videau, D., 1972, Path. Biol., v. 20 (11-14), 625-630
biological method for assaying amount of drugs (metronidazole, dimetridazole) in human tissues

Dimetridazole
Voogd, C. E.; van der Stel, J. J.; and Jacobs, J. J. J. A. A., 1974, Mutation Research, v. 26 (6), 483-490
possible mutagenic action of metronidazole and nimorazole used to treat human trichomoniasis and dimetridazole and ronidazole used prophylactically against Histomonas meleagridis in poultry

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Diminazene. See Berenil.

Diminazene aceturate. See Berenil.

Diminazene aceturate tetrahydrate. See Berenil.

Diminazene diaceturate. See Berenil.

Diminizine aceturate. See Berenil.

Dinitolmide -- Coccidot; 3,5-Dinitro-o-toluamide; Zoalene; Zoaline; Zoamix.

Zoalene
Cerna, Z.; Louckova, M.; and Danek, J., 1974, J. Protozool., v. 21 (3), 455 [Abstract]
Eimeria tenella, chickens, antibody formation blocked by clopidol but not by zoalene

Dinitolmide -- Continued.

Zoalene
Chapman, H. D., 1976, Avian Path., v. 5 (4), 283-290
Eimeria tenella, E. acervulina, E. maxima, incidence in broiler house used for commercial drug trials, resistance to various anticoccidials

Zoalene
Jordan, F. T. W.; et al., 1976, Avian Path., v. 5 (3), 175-186
clinical and pathological observations on field and experimental zoalene poisoning in broiler chicks caused by overdose, synergistic effect of furazolidone; overdose of zoalene given to laying hens caused inappetence, cessation of egg production, and progressive weakness

Dinitolmide (Zoalene)
Joyner, L. P.; and Norton, C. C., 1977, Parasitology, v. 75 (2), 155-164
Eimeria spp., anticoccidial effects of amprolium alone or with ethopabate, dinitolmide, and monensin with particular reference to oocyst sporulation, significance of effects on gametogony and sporogony

Zoalene
Karlsson, T.; and Reid, W. M., 1977, Poultry Science, v. 56 (5), 1727-1728 [Abstract]
Eimeria tenella, broilers given immunizing doses of E. tenella failed to develop immunity while being medicated with monensin; developed partial immunity if medicated with robenidine or zoalene

Zoaline
Long, P. L., 1973, Folia Vet. Latina, v. 3 (1), 89-109
Eimeria tenella, Eimeria mivati, cultured in chick embryos, technique for screening

Zoalene
McDougald, L. R.; and Galloway, R. B., 1976, Exper. Parasitol., v. 40 (3), 314-319
Eimeria tenella, various anticoccidial drugs, in vitro and in vivo techniques used to observe effects on (1) viability of extracellular sporozoites, (2) penetration of sporozoites into host cells, (3) survival of intracellular sporozoites for 24 hr postinoculation

Zoalene
McLoughlin, D. K.; and Chute, M. B., 1973, Avian Dis., v. 17 (4), 717-721
Eimeria tenella, chickens (exper.), nequinate, good results against a sensitive strain and strains resistant to non-quinoline coccidiostats, development of nequinate-resistant strain, cross-resistance study

Zoalene
Madatov, R. I.; and Mershchiev, V. M., 1973, Vestnik Sel'skokhoz. Nauki Kazakhstana (11), 75-78
nosematosis, bees, chemotherapy, sulfapyridazine + chlortetracyclin most effective

Dinitolmide -- Continued.

Zoamix (Zoalene)
Manuel, M. F.; and Alcarde, J. A., 1975, Philippine J. Vet. Med., v. 13 (1-2), 156-162
coccidiosis, broilers raised on deep litter, Amprol Plus, Zoamix, NF-180, comparative drug efficacies, growth and mortality rates

Zoalene
Mitrovic, M.; and Schildknecht, E. G., 1975, Poultry Science, v. 54 (3), 750-756
Eimeria tenella, chicks, efficacy of lasalocid against sulfaquinoxaline, nicarbazin, zoalene, amprolium, clopidol and 4-hydroxyquinoline resistant E. tenella strains; no resistance to lasalocid induced

Zoalene
Reid, W. M., 1975, Avian Dis., v. 19 (4), 802-811
Eimeria spp., chicks medicated with roxarsone and zoalene produced higher oocyst counts than unmedicated controls confirming the conclusion that oocyst counts are an unsatisfactory index to anticoccidial activity

Zoalene
Reid, W. M.; et al., 1976, Poultry Science, v. 55 (4), 1436-1441
Eimeria tenella, E. acervulina, chickens, high environmental temperatures, reduction of anticoccidial feed intake, results suggest decreases in feed and anticoccidial intake during heat-stress could seldom cause coccidiosis breaks under field conditions

Zoalene
Ryley, J. F.; and Wilson, R. G., 1976, Parasitology, v. 73 (2), 137-148
Eimeria tenella, practical considerations involved in screening drugs in cell culture and in the chicken, analysis for incidence of anticoccidial activity and host cell toxicity based on 11,550 compounds screened in vitro, correlation of activity in vitro and in vivo attempted, results show that screening compounds in vitro is not satisfactory or reliable alternative to screening in chickens, but in vitro studies can play a part in evaluation of active drugs

Zoalene
Ryley, J. F.; and Wilson, R. G., 1976, Parasitology, v. 73 (3), 287-309
Eimeria tenella, features of anticoccidial activity of 9 older anticoccidials re-investigated both in vivo and in cell culture, methodology discussed in relation to more active and more recent anticoccidials, further experiments with robenidine reported

Coccidot
Wojton, T., 1976, Med. Wet., v. 32 (2), 78
Eimeria acervulina, E. maxima, poultry, efficacy of coccidot and sulfatyf

Dinitolmide -- Continued.

Coccidot
Wojton, T., 1976, Med. Wet., v. 32 (12), 741-742
Eimeria necatrix, poultry, control, amprol plus and coccidot effective, anticoccid and sulfatyf were less potent

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4,4'-Dinitrocarbanilide and 2-Hydroxy-4,6-dimethyl-pyrimidine. See Nicarbazin.

N-(5-Dinitro-2-furfurylidene)-aminohydantoin. See Nifosept.

Dinitrophenol
Saz, H. J.; and Lescure, O. L., 1968, Molec. Pharm., v. 4 (4), 407-410
Ascaris lumbricoides var. suis, inhibition by anticestodal agents of mitochondrial ^{32}P-ATP exchange reaction, indicates that selective toxicity of these compounds for cestodes is a result of differences in permeability between these two groups of helminths

2:4 Dinitrophenol
Hanna, R. E. B.; and Threadgold, L. T., 1976, Exper. Parasitol., v. 39 (1), 106-114
Fasciola hepatica tissue slices, stereological analysis of effects of metabolic inhibitors on production and distribution of Type 1 secretory bodies in tegument

2:4-Dinitrophenol
Singh, K.; and Dutta, G. P., 1976, Indian J. Med. Research, v. 64 (8), 1185-1191
action of metabolic inhibitors on Entamoeba histolytica in axenic culture

3,5-Dinitrosalicylic acid, 5-nitrofurfurylidene hydrazide. See Nifursol.

3,5-Dinitro-o-toluamide. See Dinitolmide.

Diodohydroxyquin. See Diiodohydroxyquin.

Diodoquin. See Diiodohydroxyquin.

Diothyl. See Pyrimithate.

Dioxacarb -- Elocron; Famid 50 WP.

Elocron (Dioxacarb)
Greco, V.; and Saly, A., 1976, Veterinarstvi, v. 26 (6), 258-259
Haematopinus suis, swine, testing of several insecticides

Dioxacarb -- Continued.

Famid 50 WP (Dioxacarb)
Greco, V.; and Saly, A., 1976, Veterinarstvi, v. 26 (6), 258-259
Haematopinus suis, swine, testing of several insecticides

2,3-p-Dioxanedithiol S,S-bis (0,0-diethyl phosphorodithioate). See Dioxathion.

S,S'-1,4-Dioxan-2,3-ylidene bis (0,0-diethyl phosphorodithioate. See Dioxathion.

S,S'-1,4-Dioxan-2,3-ylidene bis (0,0-diethyl phosphorothiolothionate. See Dioxathion.

Dioxathion -- Bercotox; Delnav; 2,3-p-Dioxanedithiol S,S-bis (0,0-diethyl phosphorodithioate); S,S'-1,4-Dioxan-2,3-ylidene bis (0,0-diethyl phosphorodithioate; Supamix; S,S'-1,4-Dioxan-2,3-ylidene bis (0,0-diethyl phosphorothiolothionate.

Dioxathion
Drummond, R. O.; et al., 1976, J. Econom. Entom., v. 69 (1), 37-40
Boophilus annulatus, B. microplus, acaricides, laboratory tests, spray and dip tests with cattle

Dioxathion
Gladney, W. J., 1976, J. Econom. Entom., v. 69 (6), 757-760
insecticides, field trials in controlled-release devices for control of Amblyomma maculatum and Cochliomyia hominivorax, cattle: northeastern Starr Co., Texas

Dioxathion (Supamix)
Matthewson, M. D.; Wilson, R. G.; and Hammant, C. A., 1976, Bull. Entom. Research, v. 66 (4), 553-560
Boophilus decoloratus, resistance of 8 strains to organophosphorus and carbamate ixodicides, comparison with Berlin strain of B. decoloratus and Biarra strain of B. microplus: Rhodesia

Supamix
Nayar, M. A.; and Isa, J. F. W., 1973, Bull. Epizoot. Dis. Africa, v. 21 (2), 153-157
Rhipicephalus evertsi and Amblyomma variegatum larvae, highly effective

Delnav
Nayar, M. A.; and Isa, J. F. W., 1973, Bull. Epizoot. Dis. Africa, v. 21 (2), 153-157
Rhipicephalus evertsi and Amblyomma variegatum larvae, highly effective

Dioxathion
Palmer, W. A., 1976?, Tech. Bull. (12), Dept. Agric. N. South Wales, 1-12
Boophilus microplus, laboratory bioassay of adults for monitoring field dips for efficiency, results show method unsuitable

Dioxathion -- Continued.

Dioxathion
Rawlins, S. C.; and Mansingh, A., 1977, J. Econom. Entom., v. 70 (6), 697-698
Boophilus microplus, Amblyomma cajennense, and Anocentor nitens, susceptibility of Jamaican strains to various acaricides

Dioxathion (Bercotox)
Rawlins, S. C.; and Mansingh, A., 1977, PANS, v. 23 (2), 137-142
Boophilus microplus, Jamaican strain, susceptibility to 35 acaricides, carbamates more effective than organophosphates or formamidines, chlorinated hydrocarbons least effective, comparison of resistance pattern with susceptible and resistant Australian strains

Dioxathion
Roulston, W. J.; et al., 1977, Austral. J. Agric. Research, v. 28 (2), 345-354
Boophilus microplus, characterization of three strains of organophosphorus-resistant cattle ticks, resistance to organophosphorus and carbamate acaricides: Bajool, Tully and Ingham, northern Queensland

Dioxathion
Stone, B. F.; Wilson, J. T.; and Youlton, N. J., 1976, Austral. J. Biol. Sc., v. 29 (3), 251-263
Boophilus microplus, 3 strains, linkage and dominance characteristics of genes for resistance to organophosphorus acaricides and allelic inheritance of decreased brain cholinesterase activity

Delnav (Bercotox)
Zaldivar, R.; et al., 1972, Rev. Invest. Pecuarias, v. 1 (2), 185-194
Parbendazole, carbon tetrachloride, Delnav, sheep, compatible, non-toxic

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Diphenyl-hydantoin. See Phenytoin.

Diphetarsone -- Bemarsal; Difetarsone; Rodameb.

Diphetarsone (Rodameb)
Alvarez Ch., R.; et al., 1976, Rev. Invest. Salud Pub., Mexico, v. 36 (2), 113-116
Trichuris trichiura, human double-blind clinical trials with diphetarsone

Difetarsone
Burden, D. J.; et al., 1976, J. Hyg., Cambridge, v. 77 (3), 377-382
Trichuris trichiura in humans, soil fumigants applied to contaminated soil of no value in killing parasite ova, eggs on untreated soil had only 20% viability after 18 months; difetarsone equally unsuccessful in treatment of children thought to be source of contaminated soil: Great Britain

Diphetarsone -- Continued.

Diphetarsone
Cavier, R.; and Cenac, J., 1976, Ann. Pharm. Franc., v. 34 (3-4), 139-142
Entamoeba histolytica, in vitro and in vivo trials with infected rats testing efficacy of substituted 2-nitro benzofurans; trimethyl-3, 5,6-nitro-2-benzofuran shows promising activity in comparison to results using diphetarsone or phanquinone

Diphetarsone (Bemarsal)
Desser, S. S.; and Yang, Y. J., 1976, Canad. Med. Ass. J., v. 114 (4), 290-291
Dientamoeba fragilis infection in child resulting in severe intestinal symptoms, diagnosis only after multiple fecal examinations, diphetarsone treatment; possible role of Enterobius vermicularis as vector of Dientamoeba fragilis in human infections

Bemarsal (Difetarson)
Nitzulescu, V.; et al., 1970, Pediatria, Bucuresti, v. 19 (4), 373-375
trichuriasis in humans, clinical trials using bemarsal, good results

Diphetarsone (Bemarsal)
O'Holohan, D. R.; and Hugoe-Matthews, J., 1972, Southeast Asian J. Trop. Med. and Pub. Health, v. 3 (4), 576-579
Trichuris trichiura, humans, successful clinical trials testing diphetarsone; 8 persons excreting E[ntamoeba] histolytica cysts at beginning of trials were cyst free after treatment

Difetarsone
Quevedo, W.; et al., 1974, Pediatria, Bogota, v. 14 (4), 235-243
human Trichuris trichiura, difetarsone drug of choice in treatment: Colombia

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Dipofene [of Gothe, R.; and Hartig, M., 1976]. See Chlormethiuron.

Dipterex. See Trichlorfon.

α-α-Dipyridyl
Singh, K.; and Dutta, G. P., 1976, Indian J. Med. Research, v. 64 (8), 1185-1191
action of metabolic inhibitors on Entamoeba histolytica in axenic culture

1,3-Di-6-quinolylurea -- Acaprin; Babesan; N,N-(Dimethylquinolylium-methyl-sulphate-6)-urea; Pirevan; Quinoronium sulphate; Quinuronium sulphate.

Acaprin
Geyer, S.; and Rathelbeck, H. G., 1976, Kleintier-Praxis, v. 21 (1), 3-11
Babesia canis, 2 case histories, dogs exposed to ticks in Mediterranean area, Acaprin successful in one case

1,3-Di-6-quinolylurea -- Continued.

Quinuronium sulphate
Hashemi-Fesharki, R., 1977, Brit. Vet. J., v. 133 (6), 609-614
Babesia ovis, splenectomized lambs, imidocarb dihydrochloride effective, quinuronium sulphate ineffective

Quinuronium SO_4
Irvin, A. D.; and Young, E. R., 1977, Nature, London (5627), v. 269, 407-409
Babesia spp., in vitro test for screening drug activity which exploits finding that Babesia parasites readily incorporate hypoxanthine in an in vitro culture system, may also be used to detect drug resistance patterns and have possible application in primary screening of antimalarial drugs

Quinoronium sulphate
Naude, T. W.; Basson, P. A.; and Pienaar, J. G., 1970, Onderstepoort J. Vet. Research, v. 37 (3), 173-184
disorders associated with repeated therapeutic and higher dosages of commonly used babecides in dogs and cattle

Acaprin
Rao, G. S.; Surendran, N. S.; and Choudary, K. V., 1973, Indian Vet. J., v. 50 (1), 104-105
theileriasis, exotic and cross-bred cows, treatment, best results using Berenil coupled with Achromycin: Andhra Pradesh

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Dirian. See Brotianide.

Disodium-p-melaminylphenylarsonate. See Melarsen.

Disodium N-phenylglycinamide-p-arsenodithioglycollate. See Tryparsamide.

Disophenol -- Ancylol disophenol; Devonea; 2,6-Diiodo-4-nitrophenol; DNP.

Ancylol disophenol
Daengsvang, S.; et al., 1971, Southeast Asian J. Trop. Med. and Pub. Health, v. 2 (3), 359-361
Gnathostoma spinigerum, cats (nat. and exper.), successful elimination of adult worms from gastrointestinal tract using ancylol disophenol but larvae seemed resistant to therapy

Disophenol (DNP)
Laemmler, G.; and Gruener, D., 1976, Berl. u. Munchen. Tierarztl. Wchnschr., v. 89 (11), 222-225; (12), 229-233
Capillaria hepatica in Mastomys natalensis, comparative activity of 24 anthelmintics, possible model screening system

Disophenol -- Continued.

Disophenol (D.N.P.)
Legendre, A. M., 1973, J. Am. Vet. Med. Ass., v. 163 (2), 149-150
disophenol toxicosis in a dog treated for hookworm

Disophenol
Leland, S. E., jr.; et al., 1975, Am. J. Vet. Research, v. 36 (4), Part 1, 449-456
Cooperia punctata, in vitro-grown parasitic stages, evaluation of 28 anthelmintics using presumptive and confirmatory tests, comparison of in vitro potency with established in vivo activity against Cooperia and various other parasites, potential usefulness as preliminary screening method

Disophenol (D.N.P.)
Martin, C. L.; Christmas, R.; and Leipold, H. W., 1972, J. Am. Vet. Med. Ass., v. 161 (3), 294-301
disophenol, dogs, formation of temporary cataracts

Disophenol
Michalek, A.; and Vodrazka, J., 1977, Veterinaria, Praha, v. 19 (1-2), 13-27
fascioliasis, lactic dehydrogenase isoenzyme activity in blood of sheep after administration of fasciolicides to measure effect on liver

Disophenol + Methyridine
Oomi, H.; Watanabe, T.; and Yoshida, Y., 1976, J. Agric. Sc., Tokyo Nogyo Daigaku, v. 20 (3-4), 206-212
hookworm, whipworm, dogs, subcutaneous injection, methyridine + disophenol, good results

Disophenol (DNP)
Retnasabapathy, A.; and Khoo Teik San, 1976, Malaysian Vet. J., v. 6 (2), 69-71
Spirocerca lupi, dogs (thoracic oesophagus, aorta), incidence, disophenol, good results: Petaling Jaya

Disophenol (2,6-Diiodo-4-nitrophenol)
Sinclair, K. B.; and Prichard, R. K., 1975, Research Vet. Sc., v. 19 (2), 232-234
Haemonchus contortus, sheep, disophenol administered to sheep to prevent development of populations of adult worms and to study pathogenicity of arrested 4th-stage larvae which remained, concluded that they may cause damage to abomasal mucosa

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Distamycin A
Williamson, J.; and Scott-Finnigan, T. J., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (1), 1-2 [Demonstration]
Trypanosoma congolense, in vitro testing of antiviral and antitumor compounds with possible trypanicidal effects, probable RNA inhibition

Distodin. See Hexachlorophene.

Distolon. See Niclofolan.

Disulfiram -- TETD; Tetraethylthiuram disulphide.

Tetraethylthiuram disulphide (TETD)
Cross, G. A. M.; Klein, R. A.; and Baker, J. R., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 513-514
Trypanosoma cruzi, cultivation in defined medium HX25 or HX25M, amino acid utilization, growth inhibition by tetraethylthiuram disulphide

Tetraethyl thiuram disulphide
Linstead, D. J.; Klein, R. A.; and Cross, G. A. M., 1977, J. Gen. Microbiol., v. 101 (2), 243-251
Trypanosoma brucei, T. brucei brucei, threonine catabolism, inhibition of threonine dehydrogenase by wide range of agents

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Dithiazanine -- Dithiazanine iodide; Dizan; 3-Ethyl-2-[5-(3-ethyl-2-benzothiazolinylidene)-1,3-pentadienyl] benzothiazolium iodide; Nekel; Telmid.

Dithiazanine
Biagi, F., 1975, Progr. Drug Research, v. 19 23-27
human hookworm and trichuriasis successfully treated with bitoscanate in clinical trials; mixed results when used to treat ascariasis in comparison trials with dithiazanine and piperazine

Telmid
Draghici, O., 1973, Med. Int., Bucuresti, v. 25 (8), 945-953
clinical manifestations of human Strongyloides stercoralis, eosinophilia changes before and after treatment with telmid or gentian violet, case reports

Dithiazanine
Fay, J. T. ; and Disque, F. C., 1977, Oral Surg., v. 43 (6), 898-901
Strongyloides stercoralis systemic infection in Vietnamese woman discovered as a result of routine biopsy and excision of impacted molar, increased eosinophilia led to medical work-up for possible parasitism, case history, successful treatment with dithiazanine: Georgia

Dithiazanine iodide
Garlick, N. L.; Beck, A. M.; and Bryan, R. K., 1976, Canine Pract., Santa Barbara, v. 3 (4), 44-47
Dirofilaria immitis microfilariae and adults, dogs, dithiazanine iodide followed by thiacetarsamide sodium, good results, 547 cases, only one fatality

Telmid (Dithiazanine iodide)
Hlavon, J., 1968, Ceskoslov. Pediat., v. 23 (3), 261-262
Trichocephalus dispar in 2-year-old boy with presenting symptoms of malabsorption syndrome, diagnostic difficulties, treatment with telmid: Czechoslovakia

Dithiazanine -- Continued.

Dithiazanine iodide
Howes, H. L., jr, ., 1972, Proc. Soc. Exper. Biol. and Med., v. 139 (2), 394-398
Trichuris muris and other helminths, dogs, mice (both exper.), CP-14,445 hydrochloride and pamoate compared with activity of known anthelmintics; dosage response data indicate that T. muris-mouse infection could be test model for antiwhipworm studies

Dizan
Kipnis, R. M.; et al., 1976, Canine Pract., Santa Barbara, v. 3 (4), 49-50, 52
Dirofilaria immitis, dog, case report, microfilariae detected in urine, differentiated from casts and mucous threads in urine sediment, thiacetarsamide and Dizan, good results

Dithiazanin iodid (Dizan)
Laemmler, G.; and Gruener, D., 1976, Berl. u. Munchen. Tierarztl. Wchnschr., v. 89 (11), 222-225; (12), 229-233
Capillaria hepatica in Mastomys natalensis, comparative activity of 24 anthelmintics, possible model screening system

Dithiazanine iodide (Dizan)
Leland, S. E., jr.; et al., 1975, Am. J. Vet. Research, v. 36 (4), Part 1, 449-456
Cooperia punctata, in vitro-grown parasitic stages, evaluation of 28 anthelmintics using presumptive and confirmatory tests, comparison of in vitro potency with established in vivo activity against Cooperia and various other parasites, potential usefulness as preliminary screening method

Dithiazanine (Nekel)
Mikhov, M.; et al., 1972, Makedon. Med. Pregl., v. 27 (3-4), 271-280
helmitin and nekel effective in human oxyuriasis and ascariasis; mintesol more effective in trichuriasis: Macedonia

Dithiazanine iodide (Telmid)
Rifaat, M.A.; et al., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (5), 722-723 [Letter]
Strongyloides stercoralis, 50-year old male farmer with nocturia and urinary incontinence cured by dithiazanine treatment, evidence supported diagnosis of infection of genitourinary system by S. stercoralis: Egypt

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Dithiazanine iodide. See Dithiazanine.

5,5'-Dithiobis(2-nitrobenzoic acid)
Linstead, D. J.; Klein, R. A.; and Cross, G. A. M., 1977, J. Gen. Microbiol., v. 101 (2), 243-251
Trypanosoma brucei, T. brucei brucei, threonine catabolism, inhibition of threonine dehydrogenase by wide range of agents

Dithiocarbamoyl hydrazine metal chelating agents
Eberhardt, U.; and Oettel, M., 1975, Pharmazie, v. 30 (4), 241-243
coccidiosis, structure-activity relationships of di-thiocarbamoyl hydrazine metal chelating agents, possible use as coccidiostats

6-Dithionicotinic acid
Linstead, D. J.; Klein, R. A.; and Cross, G. A. M., 1977, J. Gen. Microbiol., v. 101 (2), 243-251
Trypanosoma brucei, T. brucei brucei, threonine catabolism, inhibition of threonine dehydrogenase by wide range of agents

Dithiosemicarbazone -- 356C61; alpha-Dithiosemicarbazone; alpha Ethoxyethylglyoxal dithiosemicarbazone; Gloxazone.

Gloxazone
Galhotra, A. P.; Gautam, O. P.; and Banerjee, D. P., 1977, Indian Vet. J., v. 54 (7), 522-527
Anaplasma marginale, calves (nat. and exper.), treatment trials with various drugs (terramycin, steclin, achromycin, reverin, gloxazone, reverin + gloxazone, steclin + gloxazone) during early and late stages of infection, reverin alone and combined therapy of steclin or reverin with gloxazone were most effective

Gloxazone + Reverin
Galhotra, A. P.; Gautam, O. P.; and Banerjee, D. P., 1977, Indian Vet. J., v. 54 (7), 522-527
Anaplasma marginale, calves (nat. and exper.), treatment trials with various drugs (terramycin, steclin, achromycin, reverin, gloxazone, reverin + gloxazone, steclin + gloxazone) during early and late stages of infection, reverin alone and combined therapy of steclin or reverin with gloxazone were most effective

Gloxazone + Steclin
Galhotra, A. P.; Gautam, O. P.; and Banerjee, D. P., 1977, Indian Vet. J., v. 54 (7), 522-527
Anaplasma marginale, calves (nat. and exper.), treatment trials with various drugs (terramycin, steclin, achromycin, reverin, gloxazone, reverin + gloxazone, steclin + gloxazone) during early and late stages of infection, reverin alone and combined therapy of steclin or reverin with gloxazone were most effective

Gloxazone + Oxytetracycline
Kuttler, K. L., 1972, Research Vet. Sc., v. 13 (6), 536-539
Anaplasma marginale, splenectomized calves, evaluation of 12 treatment schedules combining oxytetracycline and gloxazone

Dithiosemicarbazone -- Continued.

Gloxazone + Imidocarb
Kuttler, K. L.; and Craig, T. M., 1975, Am. J. Vet. Research, v. 36 (3), 323-325
splenectomized calves inoculated with pooled blood samples from eastern Texas cattle developed dual infections of Anaplasma marginale and a Theileria resembling Theileria mutans, treatment with gloxazone and imidocarb selectively eliminated Anaplasma, pure Theileria infections only mildly pathogenic

Gloxazone (356C61)
Kuttler, K. L.; and Todorovic, R. A., 1973, Proc. 6. National Anaplasmosis Conf. (Las Vegas, Nevada, March 19-20, 1973), 106-112
Anaplasma marginale, cattle, premunization, Gloxazone and Imidocarb superior to oxytetracycline in moderating premunizing infection, possible factors affecting success (age of host; virulence, size, and potency of premunizing inoculum; strain or size of challenge exposure; temperature and altitude)

Dithiosemicarbazone + Oxytetracycline
Sharma, S. K.; Banerjee, D. P.; and Gautam, O. P., 1977, Ann. Recherches Vet., v. 8 (3), 307-313
Anaplasma marginale, cattle (exper.), dithiosemicarbazone (in combination with oxytetracycline), chloramphenicol and rolitetracycline very efficacious in bringing about clinical recovery and elimination of carrier status, imidocarb could not completely eliminate organisms, gentamicin sulphate ineffective

Gloxazone
Todorovic, R. A.; and Tellez, C. H., 1975, Trop. Animal Health and Prod., v. 7 (3), 125-131
adult cattle (Bos taurus), premunition against Babesia bigemina and B. argentina using Imidocarb or Ganaseg to control post premunition reactions was effective and practical; premunition against Anaplasma marginale using oxytetracycline and Gloxazone was less effective and not practical

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alpha-Dithiosemicarbazone. See Dithiosemicarbazone.

Dithrazine citrate. See Diethylcarbamazine.

Ditrazin-tsitrat. See Diethylcarbamazine.

Ditrifon. See Trichlorfon.

Diuredosan -- Diethyl [thio [o-[3-(p-tolylsulfonyl) ureido] phenyl] carbamoyl] phosphoramidate; Sansalid; Uredofos.

Diuredosan -- Continued.

Sansalid
Klein, J. B.; and Bradley, R. E., sr., 1976, Vet. Med. and Small Animal Clin., v. 71 (5), 598-599
intestinal helminths, dogs, cats, sansalid, critical testing

Uredofos (Sansalid)
Roberson, E. L., 1976, Am. J. Vet. Research, v. 37 (12), 1483-1484
Taenia spp., Dipylidium canium, dogs, uredofos compared with niclosamide and bunamidine hydrochloride

Uredofos (Diuredosan, Sansalid)
Roberson, E. L.; and Ager, A. L., 1976, Am. J. Vet. Research, v. 37 (12), 1479-1482
cestodes, nematodes, dogs, natural infections, uredofos highly effective, no toxicosis

Diuredosan
Todd, K. S.; and Yates, R. L., 1976, Am. J. Vet. Research, v. 37 (11), 1329-1330
Ancylostoma caninum, Trichuris vulpis, dogs (exper.), diuredosan, drug efficacy, good results

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Divezid
Epel'dimov, L. S.; and Shchelkanov, K. G., 1976, Sborn. Nauch. Rabot. SibNIVI, Sibirsk. Nauchno-Issled. Vet. Inst. (26), 116-122
dictyocaulosis, sheep treated with anthelmintics, histological changes

Dixanthogen vaseline
Dahl, O., 1976, Tidsskr. Norske Laegefor., v. 96 (9-10), 551-553
scabies, both typical burrowing and crusted Norwegian type, epidemic among patients and staff of hospital, clinical aspects, treatment methods: Norway

Dizan. See Dithiazanine.

DNP. See Disophenol.

n-Dodecylamino-4 quinoline
Renault, J.; Cavier, R.; and Renault, S., 1976, Compt. Rend. Acad. Sc., Paris, v. 282, s. D, (5), 509-511
Entamoeba dysenteriae, secondary aminoquinolines, influence of alkylamino chain length and position on activity in vitro and in vivo

Dovenix. See Nitroxynil.

Doxycycline
Hill, J., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 421-427
Plasmodium berghei nigeriensis, screening compounds for causal prophylactic activity, 2 methods for testing compounds against tissue stages (one for compounds with little or no residual effect and one for those with prolonged residual effect), 9 compounds examined

DPD. See Dibutyl lead diacetate.

Droncit. See Praziquantel.

Durenad
Ekmen, H.; and Altintas, K., 1972, Mikrobiyol. Bul., v. 6 (4), 433-438
Toxoplasma gondii, women suffering habitual abortions, changes in antibody titers and decreased stillbirths after treatment with pyrimethamine and sulfamides during pregnancy: Turkey

Durenat. See Sulfameter.

Dursban -- Chlorpyrifos; Chlorpyriphos; 0,0-Diethyl 0-(3,5,6-trichloro-2-pyridyl) phosphorothioate; Dow M-3455.

Chlorpyrifos ear band, ear tag
Ahrens, E. H.; et al., 1977, J. Econom. Entom., v. 70 (5), 581-585
Amblyomma maculatum, cattle, field trials to evaluate effectiveness of insecticide-impregnated ear tags, ear bands, neck bands, and asphalt-base aerosols, prevention of screwworm infestations by controlling ticks

Chlorpyrifos
Drummond, R. O.; et al., 1976, J. Econom. Entom., v. 69 (1), 37-40
Boophilus annulatus, B. microplus, acaricides, laboratory tests, spray and dip tests with cattle

Dursban
Laemmler, G.; and Gruener, D., 1975, Tropenmed. u. Parasitol., v. 26 (3), 359-369
Litomosoides carinii in Mastomys natalensis (exper.), 12 organophosphorus compounds tested for efficacy against micro- and macrofilarial infections

Chlorpyriphos
Matthewson, M. D.; Wilson, R. G.; and Hammant, C. A., 1976, Bull. Entom. Research, v. 66 (4), 553-560
Boophilus decoloratus, resistance of 8 strains to organophosphorus and carbamate ixodicides, comparison with Berlin strain of B. decoloratus and Biarra strain of B. microplus: Rhodesia

Chlorpyrifos
Mount, G. A.; et al., 1976, J. Econom. Entom., v. 69 (2), 257-259
Amblyomma americanum, control with granules or concentrated sprays of diazinon, propoxur, and chlorpyrifos, drug efficacy: wooded plots at Camp Lejeune, North Carolina

Dursban -- Continued.

Chlorpyrifos
Palmer, W. A., 1976?, Tech. Bull. (12), Dept. Agric. N. South Wales, 1-12
Boophilus microplus, laboratory bioassay of adults for monitoring field dips for efficiency, results show method unsuitable

Chlorpyrifos
Rawlins, S. C.; and Mansingh, A., 1977, J. Econom. Entom., v. 70 (6), 697-698
Boophilus microplus, Amblyomma cajennense, and Anocentor nitens, susceptibility of Jamaican strains to various acaricides

Chlorpyrifos
Rawlins, S. C.; and Mansingh, A., 1977, PANS, v. 23 (2), 137-142
Boophilus microplus, Jamaican strain, susceptibility to 35 acaricides, carbamates more effective than organophosphates or formamidines, chlorinated hydrocarbons least effective, comparison of resistance pattern with susceptible and resistant Australian strains

Chlorpyrifos
Roulston, W. J.; et al., 1977, Austral. J. Agric. Research, v. 28 (2), 345-354
Boophilus microplus, characterization of three strains of organophosphorus-resistant cattle ticks, resistance to organophosphorus and carbamate acaricides: Bajool, Tully and Ingham, northern Queensland

Chlorpyrifos
Stone, B. F.; Wilson, J. T.; and Youlton, N. J., 1976, Austral. J. Biol. Sc., v. 29 (3), 251-263
Boophilus microplus, 3 strains, linkage and dominance characteristics of genes for resistance to organophosphorus acaricides and allelic inheritance of decreased brain cholinesterase activity

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Dylox. See Trichlorfon.

Dylox inject. See Trichlorfon.

Dypnone guanyl hydrazone -- WR 5,677; WR 5677 HCl

WR 5,677
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

WR 5677 HCl
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

WR 5677 HCl
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

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Dyrex T.F. See Phenothiazine or Piperazine or Trichlorfon.

Dyvon-in-oil. See Trichlorfon.

E [i.e., Compound E]. See (Diamino-4,6-triazinyl-1,3,5-amino-2)-4-phenyl-arsino di (D-thio-3-amino-2-methyl-3-butyric acid) or 2-[2-(4-Hydroxyphenyl)-6-benzimidazolyl]-6-(1-methyl-4-piperazyl) benzimidazole.

β-Ecdysone -- Ecdysterone.

Ecdysterone
Mansingh, A.; and Rawlins, S. C., 1977, Naturwissensch., v. 64 (1), 41
Boophilus microplus, antigonadotropic action of insect hormone analogues, inhibition of oviposition, mortality

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Ecdysterone. See β-Ecdysone.

Ectopar. See Lazin.

Ectoral. See Ronnel.

Ectorol. See Ronnel.

EDTA
Singh, K.; and Dutta, G. P., 1976, Indian J. Med. Research, v. 64 (8), 1185-1191
action of metabolic inhibitors on Entamoeba histolytica in axenic culture

Ektomin -- CGA 22598; N' (4-Chlor-2-methyl-phenyl)-N-(n) butyl-formamidine.

Ektomin (CGA 22598)
Gothe, R., 1976, Berl. u. Munchen. Tierarztl. Wchnschr., v. 89 (15), 293-296
Chorioptes, cattle, Ektomin spray, good results, number of treatments correlated with intensity of infection; potentially useful against resistant mites

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Elancoban. See Monensin.

Ellipticine derivatives
Benard, J.; and Riou, G. F., 1975, J. Protozool., v. 22 (3), 75A-76A [Abstract]
T[rypanosoma] spp., ellipticine derivatives, mode of action

Elocron. See Dioxacarb.

Embay 8440. See Praziquantel.

Embazin. See Sulfaquinoxaline.

Embazin premix. See Sulfaquinoxaline.

Embelin disalts
Gupta, O. P.; et al., 1976, Indian J. Exper. Biol., v. 14 (3), 356-357
in vitro anthelmintic activity of embelin disalts, Paramphistomum cervi, Oesophagostomum columbianum, Trichuris ovis, Dipylidium caninum, good results

Emetine -- Dihydroemetine; Emetine chlorhydrate; Emetine dihydrochloride; Emetine hydrochloride.

Emetine
Abioye, A. A., 1976, J. Trop. Med. and Hyg., v. 79 (11), 252-255
Entamoeba histolytica, drug (emetine, metronidazole) and immuno-diagnostic (fluorescent antibody, gel diffusion and latex agglutination tests) resistant amoebic hepatic abscess in man, case report, blood-abscess cavity barrier postulated as possible mechanism for diagnostic failure: Nigeria

Emetine hydrochloride
Bout, D.; et al., 1977, J. Immunol. Methods, v. 15 (1), 1-8
S[chistosoma] mansoni, schistosomicide drugs used as ligands to isolate target antigens by affinity chromatography, to characterize their enzyme functions and localization on the parasite, and to define their immunogenic capacity

Dihydroemetine
Chmielewski, J.; Jaremin, B.; and Zdrojewski, J., 1974, Polskie Arch. Med. Wewn., v. 51 (1), 91-94
human amoebiasis, hepato-pulmonary-pleural form, case report, diagnosis based on gel-precipitation test, combined therapy of metronidazole, dihydroemetine and oxytetracycline successful: Hindu sailor in Poland

Emetine chlorhydrate
Draghici, O.; and Bittermann, E., 1971, Pediatria, Bucuresti, v. 20 (4), 357-361
Fasciola hepatica diagnosed in young girl after finding eggs in bile fluid and positive intradermal reaction with F. hepatica antigen, emetine chlorhydrate treatment successful, clinical case report: Beius, Romania

Emetine hydrochloride
Dutta, G. P.; and Yadava, J. N. S., 1976, Indian J. Med. Research, v. 64 (2), 224-228
interrelationship of pH and oxidation-reduction potential on growth of axenic Entamoeba histolytica and the influence of pH on amoebicidal activity of drugs

Emetine
Entner, N.; and Grollman, A. P., 1973, J. Protozool., v. 20 (1), 160-163
Entamoeba histolytica, effect of amebicidal agents on protein synthesis, correlation of drug structural characteristics with biologic activity, implications for designing drugs with increased margin of selective toxicity for parasite vs. host

Emetine hydrocholoride
Gehrung, E.; et al., 1967, Bol. Chileno Parasitol., v. 22 (1), 37-39
Fasciola hepatica infection in pregnant woman, eosinophil count not elevated resulting in diagnostic problems and surgical intervention, parasite eggs discovered in bile and patient then successfully treated with emetine hydrochloride: Santiago, Chile

Emetine -- Continued.

Emetine hydrochloride
Gregory, P. B., 1976, Gastroenterology, v. 70 (4), 585-588
case report of refractory hepatic amoebiasis in man despite multiple courses of emetine, chloroquine, and metronidazole, final resolution of infection after treatment of Entamoeba histolytica intestinal infection with various drugs considered as probable cause of continuing reinfection of liver: California

Emetine hydrochloride
Griffin, F. M., jr., 1973, N. England J. Med., v. 288 (26), 1397
Entamoeba histolytica hepatic abscess in Vietnam veteran, poor response to metronidazole therapy, possible drug resistance, apparent cure after emetine and chloroquine: Illinois

Emetine hydrochloride
Hope Cawdery, M. J., 1976, Brit. Vet. J., v. 132 (6), 568-575
Fasciola hepatica, ewes, inverse relationship, fascioliasis mortality and pregnancy rate, increased pregnancy rate following treatment

Emetine + Enzymes
Imam, S. A., 1974, Tr. Roy. Soc. Trop. Med. and Hyg., v. 68 (3), 255 [Letter]
Entamoeba histolytica, intestinal ulceration in rats (exper.), emetine in combination with surfactant or enzymes showed promise as cure without toxicity; surfactant alone also cured ulcerous open wounds

Emetine + Sodium lauryl sulphate
Imam, S. A., 1974, Tr. Roy. Soc. Trop. Med. and Hyg., v. 68 (3), 255 [Letter]
Entamoeba histolytica, intestinal ulceration in rats (exper.), emetine in combination with surfactant or enzymes showed promise as cure without toxicity; surfactant alone also cured ulcerous open wounds

Emetine hydrochloride
Pandey, V. C.; Dutta, G. P.; and Rao, V. K. M., 1976, Indian J. Exper. Biol., v. 14 (2), 142-144
Entamoeba histolytica-infected rat caeca, significant increase in RNAse and DNAse activity, enzyme level reduced almost to normal values by treatment with emetine hydrochloride, enterovioform, or metronidazole

Emetine dihydrochloride
Peters, W.; Garnham, P.C.C.; and Killick-Kendrick, R., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (1), 3 [Demonstration]
histolytica-like amoeba and Balantidium ? sp. in stools of orang-utans suffering from dysentery, treatment with emetine dihydrochloride

Emetine -- Continued.

Emetine
Ramirez Sanchez, C.; and de Cisneros Santos, T. A., 1976, Medicina, Mexico (1212), an. 57, v. 56, 279-282
amoebiasis, human, surgical treatment of hepatic abscesses that had responded poorly to previous metronidazole and emetine therapy: Puebla, Mexico

Emetine hydrochloride
Rossi, L. F. A., 1974, Brit. J. Clin. Pract., v. 28 (6), 212-214
man, amoebiasis of rectum presenting as rectal carcinoma, case report, differential diagnosis, emetine: Burmese native living in London

Emetine
Sapunar, J.; Munoz, M. A.; and Castro, J., 1967, Bol. Chileno Parasitol., v. 22 (2), 60-65
Entamoeba histolytica, case report of hepatic abscess in man which ruptured into the bronchi after abscess aspiration, emetine and chloroquine therapy: Santiago, Chile

Emetine
Sherman, I. W., 1976, Comp. Biochem. and Physiol., v. 53 (4B), 447-450
Plasmodium knowlesi ribosomes, development of highly active cell-free protein synthesizing system, use in assaying antimalarials

Emetine
Sherman, I. W.; and Jones, L. A., 1976, J. Protozool., v. 23 (2), 277-281
Plasmodium lophurae, reliable procedure for isolation of active ribosomes, optimal requirements for in vitro synthesis of proteins, effects of variety of drugs on duck reticulocyte and plasmodial ribosomes in cell-free protein-synthesizing systems (restricted selectivity not obtained)

Emetine HCl
Stammers, B. M., 1975, Ztschr. Parasitenk., v. 47 (2), 145-150
Fasciola hepatica, disruption of spermatogenesis, known fasciolicides and other anthelmintics tested

Emetine chlorhydrate
Stoopen, M.; De Stoopen, V. B.; and Landa, L., 1975, Prensa Med. Mexicana, v. 40 (3-4), 59-65
E[ntamoeba] histolytica, perfusion of emetine into hepatic artery over a 24-48 hour period in persons with severe toxic infection and hepatic failure, useful therapeutic resource in instances of severe infections: Mexico

Emetine hydrochloride
Suryanarayana, C.; and Rao, P. L. N., 1976, Food Farm. and Agric., v. 8 (5), 13-16
Schistosoma nasale in cattle and buffaloes (nasal mucosa), rametine (poor results), emetine hydrochloride (poor results), potassium antimony tartrate (good results), potassium antimony tartrate + stilboestrol (less effective than potassium antimony tartrate alone in cattle, better results in buffaloes): Tirupati, India

Emetine -- Continued.

Emetine
Vakil, B. J.; and Dalal, N. J., 1974, Progr. Drug Research, v. 18, 353-364
Entamoeba histolytica, humans, techniques for comparative evaluation of amoebicidal drugs: sites of action, efficacy, side effects, and toxicity

Emetine + Tetracycline + Quinoline
Vakil, B. J.; and Dalal, N. J., 1974, Progr. Drug Research, v. 18, 353-364
Entamoeba histolytica, humans, techniques for comparative evaluation of amoebicidal drugs: sites of action, efficacy, side effects, and toxicity

Emetine
Wilde, H., 1973, N. England J. Med., v. 289 (7), 378 [Letter]
Entamoeba histolytica, case reports of poor response of hepatic abscess to metronidazole therapy, cure after emetine, chloroquine and di-iodohydroxyquin: Thailand

Emetine
Williamson, J.; and Scott-Finnigan, T. J., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (1), 1-2 [Demonstration]
Trypanosoma congolense, in vitro testing of antiviral and antitumor compounds with possible trypanicidal effects, probable RNA inhibition

Emetine
Wood, I. J.; Stephens, W. B.; and Porter, D. D., 1975, Med. J. Australia, v. 2 (22), 829-831
Fasciola hepatica liver infections in husband and wife who had eaten watercress contaminated by cattle, problems in diagnosis solved only by pathology discovered in diagnostic surgery, good responses to emetine and chloroquine therapy: Victoria, Australia

Emetine hydrochloride
Yadava, J. N. S.; and Dutta, G. P., 1976, Indian J. Med. Research, v. 64 (4), 562-567
lethal effect of bile on axenic Entamoeba histolytica culture without increased effect on amoebicidal action of metronidazole or emetine, possible etiologic role of inadequate bile secretion as factor in clinical amoebiasis

Emetine
Zuidema, P. J., 1975, Nederl. Tijdschr. Geneesk., v. 119 (35), 1339-1345
Entamoeba histolytica, human hepatic amoebic abscesses, treatment regimens using metronidazole, emetine and diloxanide furoate

Emetine bismuth iodide
Rossi, L. F. A., 1974, Brit. J. Clin. Pract., v. 28 (6), 212-214
man, amoebiasis of rectum presenting as rectal carcinoma, case report, differential diagnosis, emetine: Burmese native living in London

Emetine chlorhydrate. See Emetine.

Emetine dihydrochloride. See Emetine.

Emetine hydrochloride. See Emetine.

Emtryal. See Dimetridazole.

Emtryl. See Dimetridazole.

Endochin (WR 7295)
Davidson, D. E., jr.; et al., 1976, Am. J. Trop. Med. and Hyg., v. 25 (1), 26-33
Plasmodium cynomolgi var. bastianellii, trophozoite-induced malaria in Macaca mulatta as antimalarial drug testing system

Endosulfan
Rawlins, S. C.; and Mansingh, A., 1977, PANS, v. 23 (2), 137-142
Boophilus microplus, Jamaican strain, susceptibility to 35 acaricides, carbamates more effective than organophosphates or formamidines, chlorinated hydrocarbons least effective, comparison of resistance pattern with susceptible and resistant Australian strains

Endoxan. See Cyclophosphamide.

Engine lubricating oil
Prajapati, R. B.; and Hiregaudar, L. S., 1976, Indian Vet. J., v. 53 (2), 150-151
psoroptic mange of buffaloes, mineral and plant oils, burnt engine lubricating oil cheaper, more effective

Enheptin. See 2-Amino-5-nitrothiazole.

Entamide. See Diloxanide.

Enteroseptol. See Iodochlorhydroxyquin.

Enterovioform. See Iodochlorhydroxyquin.

Entizol. See Metronidazole.

Entobex. See Phanquone.

Epinephrine + Propiomazine
Henson, E.; et al., 1972, J. Reticuloendothel. Soc., v. 11 (4), 313-324
Schistosoma mansoni, mice, treatment with propiomazine alone or in combination with epinephrine inhibits granuloma formation and prolongs host survival without killing parasite or inhibiting its egg production, suggests alternate approach to treatment of schistosomiasis

9-Epiquinine
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

9-Epiquinine 2HCl
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

(E)-4-[(6,7-Epoxy-3,7-dimethyl-2-nonenyl)oxy]-1,2-(methylenedioxy)benzene (Hoffmann-LaRoche RO-20-3600)
Chamberlain, W. F.; and Becker, J. D., 1977, Southwest. Entom., v. 2 (4), 179-182
Xenopsylla cheopis, inhibition of cocoon formation and adult emergence by insect growth regulators, possible means of control

(E)-4-[(6,7-Epoxy-3,7-dimethyl-2-nonenyl)oxy]-1,2-(methylenedioxy) benzene (RO 20-3600)
Meleney, W. P.; and Roberts, I. H., 1975, J. Parasitol., v. 61 (5), 956-959
3 insect juvenile hormone mimics used as sprays for control of Haematopinus eurysternus on cattle resulted in significant reduction of lice and in concomitant severe skin lesions associated with death or incomplete development of Hypoderma sp., therefore unsafe for use on mature cattle harboring both grubs and lice

(E)-4[(6,7-Epoxy-3,7-dimethyl-2-nonenyl)oxy]-1,2-(methylenedioxy) benzene = RO 20-3600
Younger, R. L.; et al., 1975, J. Med. Entom., v. 12 (5), 517-524
Hypoderma, cattle yearlings treated topically with 5 juvenile hormone analogues, development of enlarged warbles with accumulated exudate, isolation of alpha hemolytic streptococci, no definitive changes in serum chemistry or haematological values, no acute toxic effects

(E)-[(6,7-Epoxy-3-ethyl-7-methyl-2-nonenyl)-oxy]-1,2-(methylenedioxy)benzene (Hoffmann LaRoche RO-7-9767)
Chamberlain, W. F.; and Becker, J. D., 1977, Southwest. Entom., v. 2 (4), 179-182
Xenopsylla cheopis, inhibition of cocoon formation and adult emergence by insect growth regulators, possible means of control

(E)-6,7-Epoxy-1-(p-ethylphenoxy)-3,7-dimethyl-2-octene (Stauffer R-20458)
Chamberlain, W. F.; and Becker, J. D., 1977, Southwest. Entom., v. 2 (4), 179-182
Xenopsylla cheopis, inhibition of cocoon formation and adult emergence by insect growth regulators, possible means of control

(E)-6,7-Epoxy-1-(p-ethylphenoxy)-3,7-dimethyl-2-octene = R-20458
Younger, R. L.; et al., 1975, J. Med. Entom., v. 12 (5), 517-524
Hypoderma, cattle yearlings treated topically with 5 juvenile hormone analogues, development of enlarged warbles with accumulated exudate, isolation of alpha hemolytic streptococci, no definitive changes in serum chemistry or haematological values, no acute toxic effects

10,11-Epoxy-3,7,11-trimethyl-2,6-dodecadien-1-ol
Boisvenue, R. J.; Emmick, T. L.; and Galloway, R. B., 1977, Exper. Parasitol., v. 42 (1), 67-72
Haemonchus contortus, some compounds with juvenile hormone activity inhibited in vitro development of infective larvae, none of these compounds had anthelmintic properties against Ascaris suum or Nematospiroides dubius in mice

Equigard. See Dichlorvos.

Equigard 3. See Dichlorvos.

Equigel. See Dichlorvos.

Equinan. See Carbon disulfide or Phenothiazine or Piperazine.

Equizole. See Thiabendazole.

Equizole A. See Piperazine or Thiabendazole.

Erythrina indica + Ocimum basilicum + Leucas aspera
Narayana, K.; Rao, H. S.; and Setty, D. R. L., 1975, Indian Vet. J., v. 52 (6), 494-495
Demodex canis, dogs, clinical symptoms, Ocimum basilicum leaves + Leucas aspera leaves + Erythrina indica seed rubbed onto cutaneous lesions, good results

Erythromycin -- Erythromycin stearate.

Erythromycin
Dixon, H., 1974, J. Protozool., v. 21 (3), 450 [Abstract]
Crithidia fasciculata, effect of inhibitors of bacterial protein synthesis

Erythromycin
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

Erythromycin stearate
Meeroff, M., 1968, Bol. Chileno Parasitol., v. 23 (1-2), 45-47
human intestinal amoebiasis, clinical trials using erythromycin stearate in varying doses

Erythromycin
Nash, P. H., 1976, Canad. Med. Ass. J., v. 115 (1), 18-19 [Letter]
Giardia lamblia, children, erythromycin and quinacrine equally effective as therapy, comparative clinical trials

Erythromycin
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

Erythromycin -- Continued.

Erythromycin stearate
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

Erythromycin
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

Erythromycin
Warhurst, D. C.; Robinson, B. L.; and Peters, W., 1974, J. Protozool., v. 21 (3), 453 [Abstract]
P[lasmodium] berghei, erythromycin, antimalarial action against blood stages confirmed and causal prophylactic activity detected, potentiation and chloroquine examined in chloroquine-sensitive and -resistant strains, erythromycin stearate more active than the base when given orally

Erythromycin + Chloroquine diphosphate
Warhurst, D. C.; Robinson, B. L.; and Peters, W., 1976, Ann. Trop. Med. and Parasitol., v. 70 (3), 253-258
Plasmodium berghei, mice, erythromycin potentiation of action of chloroquine on chloroquine-resistant strains, comparison of oral and subcutaneous routes and erythromycin base and stearate

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Erythromycin stearate. See Erythromycin.

Esb$_3$. See Sulfachloropyrazine.

Eserine salicylate. See Physostigmine.

Ethanol. See Alcohol, Anhydrous.

Ether
English, F. P., 1969, Med. J. Australia, v. 1 (26), 1359-1360
Demodex folliculorum, infestation of human eyelids and causative factor in blepharitis, clinical review, case report, application of ether or alcohol to cause evacuation of hair follicles by parasites: Australia

Ethidium. See Homidium.

Ethidium bromide. See Homidium.

Ethion -- 0,0,0',0'-Tetraethyl S,S'-methylene bis phosphorodithioate; Tetraethyl S,S'-methylenebis(phosphorothiolothionate).

Ethion -- Continued.

Ethion
Drummond, R. O.; et al., 1976, J. Econom. Entom., v. 69 (1), 37-40
Boophilus annulatus, B. microplus, acaricides, laboratory tests, spray and dip tests with cattle

Ethion
Matthewson, M. D.; Wilson, R. G.; and Hammant, C. A., 1976, Bull. Entom. Research, v. 66 (4), 553-560
Boophilus decoloratus, resistance of 8 strains to organophosphorus and carbamate ixodicides, comparison with Berlin strain of B. decoloratus and Biarra strain of B. microplus: Rhodesia

Ethion + NRDC 161
Nolan, J.; and Bird, P. E., 1977, J. Austral. Entom. Soc., v. 16 (3), 252
Boophilus microplus, organophosphorus-resistant strains, effective control of ticks with addition of small quantities of synthetic pyrethroids to organophosphorus acaricides; coefficients of co-toxicity

Ethion + Permethrin
Nolan, J.; and Bird, P. E., 1977, J. Austral. Entom. Soc., v. 16 (3), 252
Boophilus microplus, organophosphorus-resistant strains, effective control of ticks with addition of small quantities of synthetic pyrethroids to organophosphorus acaricides; coefficients of co-toxicity

Ethion
Palmer, W. A., 1976?, Tech. Bull. (12), Dept. Agric. N. South Wales, 1-12
Boophilus microplus, laboratory bioassay of adults for monitoring field dips for efficiency, results show method unsuitable

Ethion
Roulston, W. J.; et al., 1977, Austral.J. Agric. Research, v. 28 (2), 345-354
Boophilus microplus, characterization of three strains of organophosphorus-resistant cattle ticks, resistance to organophosphorus and carbamate acaricides: Bajool, Tully and Ingham, northern Queensland

Ethion
Stone, B. F.; Wilson, J. T.; and Youlton, N. J., 1976, Austral. J. Biol. Sc., v. 29 (3), 251-263
Boophilus microplus, 3 strains, linkage and dominance characteristics of genes for resistance to organophosphorus acaricides and allelic inheritance of decreased brain cholinesterase activity

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Ethopabate -- 4-Acetamido-2-ethoxybenzoic acid methyl ester; 4-Amino-2-ethoxybenzoic acid; Amprol Plus (with Amprolium); Amprolmix (with Amprolium); COE-1 (with Diaveridine and Sulphachloropyrazine); Mixture A.E.S. (with Amprolium and Sulphaquinoxaline); Pancoxin (with Amprolium and Sulphaquinoxaline).

Ethopabate -- Continued.

Ethopabate + Amprolium
Catchpole, J.; and Norton, C. C., 1975, J. Protozool., v. 22 (3), 49A [Abstract]
Eimeria intestinalis, rabbits (exper.), pathogenic effects increased with higher dose levels, developmental stages observed, sulphaquinoxaline in food was partially effective as preventive but not clopidol, treatment in drinking water with sulphadimidine was successful but not amprolium + ethopabate

Ethopabate + Amprolium + Sulphaquinoxaline (=Pancoxin)
Chapman, H. D., 1976, Avian Path., v. 5 (4), 283-290
Eimeria tenella, E. acervulina, E. maxima, incidence in broiler house used for commercial drug trials, resistance to various anticoccidials

Ethopabate + Diaveridine + Sulphachloropyrazine (=COE-1)
Giordani, G.; Govoni, S.; and Bergami, W., 1977, Avicoltura, Bologna, v. 46 (1), 41-46
Eimeria spp., breeder hens, continuously fed sulphachloropyrazine + diaveridine + ethopabate, no undesirable effects on egg production, values statistically equal for control and coccidiostat fed birds

Ethopabate (4-Amino-2-ethoxybenzoic acid)
Joyner, L. P.; and Norton, C. C., 1973, Research Vet. Sc., v. 14 (3), 279-284
Eimeria meleagrimitis known to be sulphaquinoxaline-resistant, activity of amprolium and ethopabate separately or together or in combination with sulphaquinoxaline in Mixture A.E.S., results indicate that activity of mixture was due to ethopabate component although one strain proved resistant to it also, activity of ethopabate reversed by p-aminobenzoic acid; Eimeria adenoeides, effect of amprolium, sulphaquinoxaline, and ethopabate separately and in combination, ethopabate on its own was completely ineffective

Ethopabate + Amprolium
Joyner, L. P.; and Norton, C. C., 1973, Research Vet. Sc., v. 14 (3), 279-284
Eimeria meleagrimitis known to be sulphaquinoxaline-resistant, activity of amprolium and ethopabate separately or together or in combination with sulphaquinoxaline in Mixture A.E.S., results indicate that activity of mixture was due to ethopabate component although one strain proved resistant to it also, activity of ethopabate reversed by p-aminobenzoic acid; Eimeria adenoeides, effect of amprolium, sulphaquinoxaline, and ethopabate separately and in combination, ethopabate on its own was completely ineffective

Ethopabate -- Continued.

Ethopabate + Sulphaquinoxaline + Amprolium (= Mixture A.E.S.; Pancoxin)
Joyner, L. P.; and Norton, C. C., 1973, Research Vet. Sc., v. 14 (3), 279-284
Eimeria meleagrimitis known to be sulphaquinoxaline-resistant, activity of amprolium and ethopabate separately or together or in combination with sulphaquinoxaline in Mixture A.E.S., results indicate that activity of mixture was due to ethopabate component although one strain proved resistant to it also, activity of ethopabate reversed by p-aminobenzoic acid; Eimeria adenoeides, effect of amprolium, sulphaquinoxaline, and ethopabate separately and in combination, ethopabate on its own was completely ineffective

Ethopabate + Amprolium (= Amprolmix)
Joyner, L. P.; and Norton, C. C., 1977, Parasitology, v. 75 (2), 155-164
Eimeria spp., anticoccidial effects of amprolium alone or with ethopabate, dinitolmide, and monensin with partioular reference to oocyst sporulation, significance of effects on gametogony and sporogony

Ethopabate + Amprolium (=Amprol-plus)
Lee, Y. C.; Hsieh, F. F.; and Chien, C. Y., 1976, J. Chinese Soc. Vet. Sc., v. 2 (1), 44-47
Eimeria tenella, broilers, Stenorol in feed, superior to Elancoban or Amprol-plus as prophylactic treatment, no remarkable differences among treatments in weight gain and feed consumption

Amprol Plus
Manuel, M. F.; and Alcarde, J. A., 1975, Philippine J. Vet. Med., v. 13 (1-2), 156-162
coccidiosis, broilers raised on deep litter, Amprol Plus, Zoamix, NF-180, comparative drug efficacies, growth and mortality rates

Ethopabate + Amprolium (=Amprol Plus)
Meingassner, J. G.; and Schick, R., 1977, Wien. Tierarztl. Monatsschr., v. 64 (3), 76-79
Eimeria tenella, hens, comparison of amprolium + ethopabate and clopidol for protection of chick embryos, only clopidol was effective

Amprolmix
Spiess, H., 1976, Tierarztl. Umschau, v. 31 (7), 316-319
coccidiosis, poultry, Monensin in feed as prophylaxis, compared with Nicarbazin and Amprolmix

Ethopabate + Sulphachlorpyrazine + Diaveridine
Tarozzi, F., 1974, Folia Vet. Latina, v. 4 (2), 275-286
strain of Eimeria acervulina resistant to amprolium + ethopabate and to sulphachlorpyrazine, efficacy of sulphachlorpyrazine + diaveridine + ethopabate, chickens

Amprol plus
Wojton, T., 1976, Med. Wet., v. 32 (12), 741-742
Eimeria necatrix, poultry, control, amprol plus and coccidot effective, anticoccid and sulfatyf were less potent

Ethopropazine -- 10-(2-Diethylaminopropyl)-phenothiazine HCl; Lysivane.

Lysivane
Gear, N. R., 1976, Comp. Biochem. and Physiol., v. 55 (1C), 5-10
4 Schistosoma spp., response to various acetylcholinesterase and cholinesterase inhibitors on hydrolysis of acetylcholine by parasite extracts

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2-Ethoxycarbonylamino benzimidazole
Campbell, W. C.; McCracken, R. O.; and Blair, L. S., 1975, J. Parasitol., v. 61 (5), 844-852
Echinococcus multilocularis in mice and cotton rats, Taenia crassiceps in mice, effect of benzimidazole compounds on metacestodes, comparison of intraperitoneal, subcutaneous, and oral inoculation

alpha Ethoxyethylglyoxal dithiosemicarbazone. See Dithiosemicarbazone.

N-(beta-Ethoxy-ethyl)-N-(p-phenoxy-(4-nitro)-benzyl) dichloroacetamide. See Chlorphenoxamide.

Ethyl alcohol. See Alcohol, Anhydrous.

1-Ethyl-2,6-bis [p-(1-pyrrolidinyl) styryl]-pyridinium iodide. See Stilbazium iodide.

Ethylcarbamate. See Urethane.

Ethyl-p-chlorophenoxyisobutyrate. See Clofibrate.

Ethyl DD
Rawlins, S. C.; and Mansingh, A., 1977, PANS, v. 23 (2), 137-142
Boophilus microplus, Jamaican strain, susceptibility to 35 acaricides, carbamates more effective than organophosphates or formamidines, chlorinated hydrocarbons least effective, comparison of resistance pattern with susceptible and resistant Australian strains

N^1-(2-Ethyl-5,6-dimethoxy-4-pyrimidinyl) sulphanilamide -- Ro-4-7663.

N^1-(2-Ethyl-5,6-dimethoxy-4-pyrimidinyl) sulphanilamide (Ro-4-7663)
Peters, W., 1973, Ann. Trop. Med. and Parasitol., v. 67 (2), 155-167
Plasmodium berghei, different drug-sensitive and -resistant strains, blood schizontocidal action of 3 newer sulphonamides selected for low antibacterial activity, alone or potentiated with pyrimethamine or proguanil

Ro 4-7663
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

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Ethylene dimethane sulphonate
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

Ethyl 10,11-epoxy-3,7,10,11-tetramethyl-2,6-dodecadienoate -- Hoffmann-LaRoche RO-8-4314; RO 8-4314.

Ethyl 10,11-epoxy-3,7,10,11-tetramethyl-2,6-dodecadienoate (Hoffmann-LaRoche RO-8-4314)
Chamberlain, W. F.; and Becker, J. D., 1977, Southwest. Entom., v. 2 (4), 179-182
Xenopsylla cheopis, inhibition of cocoon formation and adult emergency by insect growth regulators, possible means of control

Ethyl 10,11-epoxy-3,7,10,11-tetramethyl-2-6-dodecadienoate (RO 08-4314)
Meleney, W. P.; and Roberts, I. H., 1975, J. Parasitol., v. 61 (5), 956-959
3 insect juvenile hormone mimics used as sprays for control of Haematopinus eurysternus on cattle resulted in significant reduction of lice and in concomitant severe skin lesions associated with death or incomplete development of Hypoderma sp., therefore unsafe for use on mature cattle harboring both grubs and lice

Ethyl 10,11-epoxy-3,7,10,11-tetra methyl-2,6-dodecadienoate = RO 8-4314
Younger, R. L.; et al., 1975, J. Med. Entom., v. 12 (5), 517-524
Hypoderma, cattle yearlings treated topically with 5 juvenile hormone analogues, development of enlarged warbles with accumulated exudate, isolation of alpha hemolytic streptococci, no definitive changes in serum chemistry or haematological values, no acute toxic effects

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Ethyl-6-ethoxybenzothiazole-2-carbamate (Sch 18099)
Panitz, E., 1977, J. Helminth., v. 51 (1), 23-30
ethyl-6-ethoxybenzothiazole-2-carbamate, evaluation of anthelmintic activity in ponies, swine, lambs, and chickens

3-Ethyl-2-[5-(3-ethyl-2-benzothiazolinylidene)-1,3-pentadienyl] benzothiazolium iodide. See Dithiazanine.

n-Ethylmaleimide
Linstead, D. J.; Klein, R. A.; and Cross, G. A. M., 1977, J. Gen. Microbiol., v. 101 (2), 243-251
Trypanosoma brucei, T. brucei brucei, threonine catabolism, inhibition of threonine dehydrogenase by wide range of agents

S-Ethyl (E,E)-11-methoxy-3,7,11-trimethyl-2,4-dodecadienethioate. See Triprene.

Ethyl(2-(2-methyl-5-nitro-1-imidazolyl)ethyl) sulfone. See Tinidazole.

Ethyl 3-methyl-4-[4-(phenyl methyl)phenoxy]-2-butenoate (CGA-13353)
Chamberlain, W. F.; and Becker, J. D., 1977, Southwest. Entom., v. 2 (4), 179-182
Xenopsylla cheopis, inhibition of cocoon formation and adult emergence by insect growth regulators, possible means of control

Ethyl 3-methyl-4-[4-(phenylmethyl)phenoxy]-2-butenoate (CGA-13353)
Chamberlain, W. F.; Hopkins, D. E.; and Gingrich, A. R., 1976, Southwest, Entom., v. 1 (1), 1-8
Bovicola limbatus, Angora goats, growth regulators, spray vs. pour on

O-Ethyl O-(6-methyl-3-pyridyl) phenylphosphonothioate (Pepro LS-68-1323)
Drummond, R. O.; et al., 1976, J. Econom. Entom., v. 69 (1), 37-40
Boophilus annulatus, B. microplus, acaricides, laboratory tests, spray and dip tests with cattle

O-Ethyl S-[2-(methylthio) ethyl] S-propyl phosphorodithioate (Esso ER-8699)
Drummond, R. O.; et al., 1976, J. Econom. Entom., v. 69 (1), 37-40
Boophilus annulatus, B. microplus, acaricides, laboratory tests, spray and dip tests with cattle

1-(N-β-Ethyl-morpholine) 5-nitroimidazole. See Nitrimidazine.

1-(N-β-Ethylmorpholino)-5-nitroimidazole. See Nitrimidazine.

3-Ethyl-2-oxybutyraldehyde-bis-thiosemicarbazone -- WR 9838.

WR 9838
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

WR 9,838
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

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2-Ethylphenol derivatives
Schroetter, E.; Hoegel, E.; and Tschaepe, M., 1975, Pharmazie, v. 30 (3), 147-151
Ascaris suum, 2-ethylphenol derivatives ovicidal action in laboratory trials with mice, promising results

O-Ethyl S-propyl S-[2-(propylthio) propyl] phosphonodithioate (Esso ER-6622)
Drummond, R. O.; et al., 1976, J. Econom. Entom., v. 69 (1), 37-40
Boophilus annulatus, B. microplus, acaricides, laboratory tests, spray and dip tests with cattle

Ethylstibamine -- Astaril; 693 B; Neostibosan.

Ethyl stibamine
Hanson, W. L.; Chapman, W. L., jr.; and Kinnamon, K. E., 1977, Internat. J. Parasitol., v. 7 (6), 443-447
Leishmania donovani in Mesocricetus auratus model, existing procedure modified to make possible screening of 10-15 selected compounds per week for antileishmanial activity, glucantime used as reference compound

Astaril (Neostibosan; 693 B)
Medina, H.; et al., 1955, Arq. Biol. e Tecn., v. 10, 121-165
Astaril, tartar emetic and Repodral, effect on respiration and anaerobic glycolysis of Leishmania brasiliensis and isolated mouse diaphragm

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1-(2-Ethylsulfonyl)ethyl-2-methyl-5-nitroimidazole. See Tinidazole.

S-Ethyl (E,E)-3,7,11-trimethyl-2,4-dodecadienethioate (Zoecon ZR-600)
Chamberlain, W. F.; and Becker, J. D., 1977, Southwest. Entom., v. 2 (4), 179-182
Xenopsylla cheopis, inhibition of cocoon formation and adult emergence by insect growth regulators, possible means of control

Ethyl (E,E)-3,7,11-trimethyl-2,4-dodecadienoate. See Hydroprene.

Ethyl (2E,4E)-3,7,11-trimethyl-2,4-dodecadienoate. See Hydroprene.

Etichlordiphene. See Chlorphenoxamide.

Etofamide. See Chlorphenoxamide.

Etophamide. See Chlorphenoxamide.

Etrenol. See Hycanthone.

Etrolene. See Ronnel.

Eurax. See Crotamiton.

Eustidil. See Haloxon.

Exhelm II. See Morantel.

Exhelm-E. See Morantel.

Falmonox. See Teclozan.

Famid 50 WP. See Dioxacarb.

Famphur -- Bo Ana; Warbex.

Famphur (Bo Ana, Warbex)
Beat, V. B.; and Morgan, D. P., 1977, J. Am. Vet. Med. Ass., v. 170 (8), 812-814
evaluation of hazards to veterinarians using pour-on organophosphate insecticides, symptoms and clinical values monitored; no great risk, but safe-handling procedures required

Famphur (Warbex)
Cummins, L. J., 1977, Austral. Vet. J., v. 53 (4), 200 [Letter]
cow fertility unaffected after lice treatment with famphur

Famphur (Warbex)
Cummins, L. J., 1977, Austral. Vet. J., v. 53 (8), 406-407 [Letter]
famphur applied to cattle during mating season for lice control, no effect on cow fertility

Famphur (Warbex)
Cummins, L. J.; and Tweedle, N. E., 1977, Austral. Vet. J., v. 53 (12), 591-592
Linognathus vituli, cattle, light infestations, lice control with famphur and levamisole had no influence on host growth: western Victoria

Famphur
Drummond, R. O.; et al., 1977, J. Econom. Entom., v. 70 (2), 176-178
Hypoderma lineatum, cattle, efficacy of 5 animal systemic insecticides, log-probit analysis, good results; methoprene in drinking water did not prevent larvae from encapsulating in backs of cattle, but prevented adults from emerging from pupae: Texas

Famphur
Ivey, M. C.; Palmer, J. S.; and Washburn, R. H., 1976, J. Econom. Entom., v. 69 (2), 260-262
Oedemagena tarandi, intramuscular injections of famphur in reindeer, duration and deposition of drug residues

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Fanasil. See Sulfadoxine.

Fansidar. See Pyrimethamine or Sulfadoxine.

Fantorin. See Stibophen.

Farnesol. See 3,7,11-Trimethyl-2,6,10-dodecatrien-1-ol.

Farnesyl methyl ether
Mansingh, A.; and Rawlins, S. C., 1977, Naturwissensch., v. 64 (1), 41
Boophilus microplus, antigonadotropic action of insect hormone analogues, inhibition of oviposition, mortality

Farnesynic acid
Mansingh, A.; and Rawlins, S. C., 1977, Naturwissensch., v. 64 (1), 41
Boophilus microplus, antigonadotropic action of insect hormone analogues, inhibition of oviposition, mortality

Fasciolicides
Delak, M., 1970, Acta Parasitol. Iugoslavica, v. 1 (1-2), 59-64
fascioliasis, domestic animals, review of drugs used in Yugoslavia and their possible side effects

Fasciolicides
Gibson, T. E., 1973, Ann. Fac. Med. Vet. Torino, v. 20, Suppl., 122-134
Fasciola hepatica, properties of commonly used fasciolicides, review

Fasciolicides
Recknagel, H.; and Werner, E., 1975, Monatsh. Vet.-Med., v. 30 (20), 768-771
liver fluke implantation technique, screening of fasciolicides

Fasciolicides
Stammers, B. M., 1976, Lab. Practice, v. 25 (5), 316-318
Fasciola hepatica, use of miracidia for screening of fasciolicidal compounds, fasciolicides more active against miracidia than other anthelmintics, anti-protozoals, antibiotics, insecticides or schistosomicides, statistical analysis

Fascol. See Hexachlorophene.

Fasigyn. See Tinidazole.

Fasigyn V. See Tinidazole.

Fecama. See Dichlorvos.

Fen-arsenate. See Lead arsenate or Phenothiazine.

Fenasal. See Niclosamide.

Fenbendazole -- Axilur; Hoe 881; Hoe 881 V; Methyl-[5-(phenyl-thio)-benzimidazole-2-carbamate]; Methyl 5-(phenylthio)-2-benzimidazole carbamate; Panacur; 5-(Phenylthio)-2-benzimidazole carbamic acid methyl ester.

Fenbendazole (Panacur)
Anderson, N., 1977, Research Vet. Sc., v. 23 (3), 298-302
Ostertagia ostertagi, Trichostrongylus axei, cattle, efficacy of levamisole, thiabendazole, and fenbendazole

Panacur
Becker, W., 1976, Berl. u. Munchen. Tierarztl. Wchnschr., v. 89 (23), 453-456
Panacur, sheep, goats, pigs and cattle, no residues harmful to human health found any time after oral administration of correct dose

Fenbendazole -- Continued.

Fenbendazole (Panacur)
Berger, J., 1975, J. South African Vet. Ass., v. 46 (4), 369-372
sheep, laboratory strain and parbendazole resistant field strain of Haemonchus contortus, resistant to five benzimidazoles, susceptible to levamisole and haloxon

Fenbendazole (Hoe 881)
Bruch, K.; and Haas, J., 1976, Ann. Trop. Med. and Parasitol., v. 70 (2), 205-211
Ascaris, hookworm, Trichuris, human, single dose fenbendazole compared with pyrantel: Liberia

Fenbendazole
Campbell, W. C.; McCracken, R. O.; and Blair, L. S., 1975, J. Parasitol., v. 61 (5), 844-852
Echinococcus multilocularis in mice and cotton rats, Taenia crassiceps in mice, effect of benzimidazole compounds on metacestodes, comparison of intraperitoneal, subcutaneous, and oral inoculation

Fenbendazole
Chroust, K.; and Dyk, V., 1975, Deutsche Tierarztl. Wchnschr., v. 82 (12), 487-491
gastrointestinal nematodes of lambs and heifers, efficacy of fenbendazole, thiabendazole and tetramisole compared

Fenbendazole
Coles, G. C.; and McNeillie, R. M., 1977, J. Helminthol., v. 51 (4), 323-326
dietary feeding of drugs for 5 days to mice infected with Nematospiroides dubius and Hymenolepis nana, detected all modern anthelmintics examined except stilbazium; simple test using N. spathiger eggs and Nippostrongylus brasiliensis adults to detect anthelmintics in vitro

Fenbendazole (Panacur)
Colglazier, M. L.; Enzie, F. D.; and Kates, K. C., 1977, J. Parasitol., v. 63 (4), 724-727
gastrointestinal parasites of ponies, comparative efficacy of 4 benzimidazoles evaluated by critical test method

Fenbendazole (Panacur)
Crowley, J. W., jr.; et al., 1977, Am. J. Vet. Research, v. 38 (5), 689-692
lungworms, gastrointestinal parasites, cattle, 3 controlled critical trials, highly effective

Panacur
Derkmann, K.; and Hasslinger, M. A., 1977, Berl. u. Munchen. Tierarztl. Wchnschr., v. 90 (5), 95-98
Parascaris equorum, naturally infected horses, panacur, good results with high dosage: Munich area

Fenbendazole
Dorchies, P.; and Amalric, M., 1977, Rev. Med. Vet., Toulouse, v. 128 (1), 7-24
gastrointestinal helminths, gastrophilosis, horses, anthelmintics, drug efficacy, review

Fenbendazole -- Continued.

Fenbendazole (Panacur; Axilur)
Duewel, D., 1977, Cahiers Bleus Vet. (26), 201-215
fenbendazole, efficacy against nematodes in various animals, useful as broad spectrum anthelmintic, mechanism of action, pharmacokinetics, metabolism, toxicology

Fenbendazol (Panacur)
Duewel, D.; et al., 1974, Prakt. Tierarzt, v. 55 (8), 425-427
sheep stomach and intestinal nematodes, controlled tests of Fenbendazol, good results

Fenbendazol (Panacur)
Duewel, D.; Hajdu, P.; and Damm, D., 1975, Berl. u. Munchen. Tierarztl. Wchnschr., v. 88 (21), 418-419
Metastrongylus apri, pigs, fenbendazol, therapeutic dosage, serum levels, fast elimination and low levels required for effectiveness

Fenbendazole
Duncan, J. L.; et al., 1976, Vet. Rec., v. 98 (17), 342
Ostertagia ostertagi (inhibited 4th stage larvae), Trichostrongylus axei, Cooperia spp., fenbendazole, good results, compared with levamisole

Fenbendazole (Panacur)
Duncan, J. L.; et al., 1977, Equine Vet. J., v. 9 (3), 146-149
immature strongyles, ponies, fenbendazole

Fenbendazole (Panacur)
Enigk, K.; and Dey-Hazra, A., 1976, Kleintier-Praxis, v. 21 (4), 133-140
fenbendazole, good results against helminths in wild mammals and birds in zoo

Fenbendazol (Panacur)
Enigk, K.; Dey-Hazra, A.; and Batke, J., 1974, Prakt. Tierarzt , v. 55 (8), 417-422
nematodes of horses, Fenbendazol, good results

Fenbendazole (Panacur)
Eslami, A. H.; and Anwar, M., 1976, Vet. Rec., v. 99 (7), 129
Dictyocaulus filaria, Protostrongylus rufescens, and Cystocaulus ocreatus in sheep, fenbendazole effectively eliminated lungworms

Fenbendazole
Eslami, A. H.; and Anwar, M., 1976, Vet. Rec., v. 99 (11), 214-215
gastrointestinal nematodes, sheep, fenbendazole, satisfactory results: Iran

Fenbendazole
Fernando, S. S. E.; and Denham, D. A., 1976, J. Parasitol., v. 62 (6), 874-876
Trichinella spiralis, effect of mebendazole and fenbendazole on different life cycle stages, mice

Fenbendazole -- Continued.

Fenbendazole (Panacur)
Forsyth, B. A.; and Shepherd, G. E., 1977, Austral. Vet. J., v. 53 (12), 598-599 [Letter]
Ostertagia ostertagi, cattle, levamisole, fenbendazole, clinical responses and weight gains showed that both drugs were highly effective in controlling Type II ostertagiosis outbreak: Western District of Victoria

Fenbendazol (Panacur)
Furmaga, S.; Gundlach, J. L.; and Patyra, J., 1976, Med. Wet., v. 32 (12), 734-737
roundworms, horses, fenbendazol and cambendazol very effective

Fenbendazole
Gemmell, M. A.; Johnstone, P. D.; and Oudemans, G., 1977, Research Vet. Sc., v. 23 (1), 115-116
Taenia hydatigena, dogs (exper.), lethal effect of 6 benzimidazoles compared

Fenbendazole (Panacur)
Herlich, H., 1976, Vet. Parasitol., v. 2 (4), 377-383
Trichostrongylus axei, T. colubriformis, rabbits, efficacy of 8 anthelmintics at dose rates known to be effective in ruminants, evaluation of this system as preliminary screen for testing potential anthelmintics

Fenbendazole
Hogarth-Scott, R. S.; et al., 1976, Research Vet. Sc., v. 21 (2), 232-237
Haemonchus contortus, Trichostrongylus colubriformis, thiabendazole-resistant strains, efficacy of fenbendazole, sheep, implications for management of helminth disease in grazing animals with respect to benzimidazole-resistance

Fenbendazole (Panacur)
Jeggo, M. H.; and Sewell, M. M. H., 1977, Vet. Rec., v. 101 (10), 187
Trichonema spp., horse, mebendazole and pyrantel embonate failed to prevent onset of disease, successfully treated with fenbendazole

Fenbendazole (Panacur)
Jones, B. R.; et al., 1977, N. Zealand Vet. J., v. 25 (4), 103-104
Filaroides osleri, dog (trachea, lung parenchyma), clinical findings, thiabendazole, levamisole, and fenbendazole suppressed larval production but failed to kill adults, pathology: New Zealand

Fenbendazole
Kelly, J. D.; et al., 1975, Research Vet. Sc., v. 19 (1), 105-107
anthelmintic efficacy of fenbendazole against naturally acquired Dictyocaulus filaria infection associated with concurrent infection of gastro-intestinal nematodes in sheep

Fenbendazole -- Continued.

Fenbendazole (Panacur)
Kelly, J. D.; et al., 1977, Research Vet. Sc., v. 22 (2), 161-168
Haemonchus contortus, Trichostrongylus colubriformis, resistant or susceptible to thiabendazole, sheep, effect of route of administration (oral, intra-ruminal or intra-abomasal) on efficacy of benzimidazole anthelmintics

Fenbendazole
Kennedy, T. J.; and Todd, A. C., 1975, Am. J. Vet. Research, v. 36 (10), 1465-1467
gastrointestinal parasites, lambs, efficacy of fenbendazole at dose levels of 3.5, 5.0, and 7.5 mg/kg of body weight

Fenbendazole
Kirsch, R., 1976, Ztschr. Parasitenk., v. 50 (2), 223
trichostrongylid eggs, morphological changes after fenbendazole treatment of infected lambs

Fenbendazole (Panacur)
Kirsch, R.; and Duewel, D., 1975, Research Vet. Sc., v. 19 (3), 327-329
Hyostrongylus rubidus, Oesophagostomum spp., pigs (exper.), efficacy of fenbendazole

Fenbendazol (Panacur)
Laemmler, G.; and Gruener, D., 1976, Berl. u. Munchen. Tierarztl. Wchnschr., v. 89 (11), 222-225; (12), 229-233
Capillaria hepatica in Mastomys natalensis, comparative activity of 24 anthelmintics, possible model screening system

Fenbendazole (Panacur)
Laemmler, G.; and Wolf, E., 1977, Tropenmed. u. Parasitol., v. 28 (2), 205-225
Litomosoides carinii in Mastomys natalensis (exper.), 17 anthelmintics and chemotherapeutics comparatively tested for their chemoprophylactic activity against various larval stages of the parasites

Fenbendazole
Lancaster, M. B.; and Hong, C., 1977, Vet. Rec., v. 101 (4), 81-82
Ostertagia ostertagi, Cooperia oncophora, calves, variable action of fenbendazole on arrested fourth stage larvae

Fenbendazole (Panacur)
Lange, E.; and Tomsen, K., 1976, Tierarztl. Umschau, v. 31 (10), 441-443
Strongyloides, strongyles, ascarides, horses, fenbendazole (aqueous suspension, granulate), field trials

Fenbendazole (Panacur)
McBain, D. G.; et al., 1977, Vet. Rec., v. 101 (14), 285-286
helminths, calves, fenbendazole in feed blocks

Fenbendazole -- Continued.

Fenbendazole (Panacur)
McBeath, D. G.; Best, J. M. J.; and Preston, N. K., 1977, Vet. Rec., v. 101 (20), 408-409
Moniezia expansa, lambs, fenbendazole, compared with levamisole, critical trial demonstrated that fenbendazole eliminates the entire worm rather than just the segments

Fenbendazol
Pfeiffer, H.; and Supperer, R., 1976, Berl. u. Munchen. Tierarztl. Wchnschr., v. 89 (13), 249-252
Nematodirus helvetianus, cattle, Fenbendazol effective against adults and growing larvae but not against inhibited fourth stage larvae

Fenbendazole
Saad, M. B. E.; and Rubin, R., 1977, Am. J. Vet. Research, v. 38 (9), 1427-1428
Dictyocaulus viviparus, calves (exper.), fenbendazole administered as a drench or as a feed additive highly effective against adult lungworms

Fenbendazole
Scott, P., 1977, N. Zealand Vet. J., v. 25 (12), 373-378
detailed review of some modern equine anthelmintics, efficacy and safety

Fenbendazole (Panacur)
Searson, J. E.; and Doughty, F. R., 1977, Austral. Vet. J., v. 53 (9), 456-457 [Letter]
nematodes, cattle, fenbendazole, good results (higher efficiency against adult Ostertagia ostertagi than larval forms): southern New South Wales

Fenbendazole (Panacur)
Strasser, H.; and Tiefenbach, B., 1976, Deutsche Tierarztl. Wchnschr., v. 83 (5), 224-226
Syphacia muris, rat breeding colony, fenbendazole

Fenbendazole (Panacur; Axilur)
Tiefenbach, B., 1977, Cahiers Bleus Vet. (26), 216-230
fenbendazole (available in 5 forms), efficacy against parasites in various animals, well tolerated with no apparent effects on fertility or fetus, extensive summary of results to date

Fenbendazole
Todd, A. C.; et al., 1976, Am. J. Vet. Research, v. 37 (4), 439-441
nematodes, calves (exper.), mixed infections, controlled evaluation of fenbendazole treatment

Fenbendazole
Townsend, R. B.; et al., 1977, Research Vet. Sc., v. 23 (3), 385-386
Moniezia expansa, Trichuris ovis, sheep, fenbendazole highly efficient

Fenbendazole -- Continued.

Fenbendazole
Vashishta, M. S.; and Singh, R. P., 1977, Livestock Advis., v. 2 (7), 35-38
Haemonchus epidemic in sheep and goats, banminth-II, fenbendazole, helmatac, thibenzole, good results; development of geophagia in survivals or treated groups: Haryana

Fenbendazole (Hoe 881 V)
Viljoen, J. H., 1976, J. South African Vet. Ass., v. 47 (3), 161-169
Parafilaria bovicola, calves, prepatent period, clinical aspects, filaricidal effects of 9 compounds; levamisole hydrochloride and fenbendazole reasonably effective: vicinity of Onderstepoort

Fenbendazole
Wikerhauser, T.; et al., 1974, Acta Parasitol. Iugoslavica, v. 5 (2), 79-81
trichostrongylids, cattle, fenbendazole compared with Thiabendazole, good results from both

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Fenchlorfos. See Ronnel.

Fenchlorphos. See Ronnel.

Fenitrothion -- Fenitrotion; Metation E 50; Sumithion.

Sumithion
Agrawal, M. C.; and Dutt, S. C., 1977, Indian Vet. J., v. 54 (1), 77-79
Stephanofilaria zaheeri, buffaloes, in vitro and in vivo drug trials, high efficacy with malathion: Jabalpur

Fenitrothion (Sumithion)
Das, P. K.; Tripathy, S. B.; and Misra, S. K., 1977, Indian J. Animal Sc., v. 45 (12), 1975, 949-952
Stephanofilaria zaheeri, buffaloes (ear), histopathology, supona-20, fenitrothion, good results: Orissa

Sumithion
Dutta, P. K.; and Hazarika, R. N., 1976, Indian Vet. J., v. 53 (3), 221-224
Stephanofilaria assamensis, cattle, chemotherapeutic trials, comparative efficacy of various drugs: Khanapara

Metation E 50 (Fenitrotion)
Greco, V.; and Saly, A., 1976, Veterinarstvi, v. 26 (6), 258-259
Haematopinus suis, swine, testing of several insecticides

Sumithion
Rathore, M. S.; and Lodha, K. R., 1974, Indian Vet. J., v. 51 (2), 149-153
Sarcoptes [sp.], Camelus dromedarius, lindane, sumithion, malathion; lindane most effective and economical: Rajasthan

Fenitrothion -- Continued.

Fenitrothion
Rawlins, S. C.; and Mansingh, A., 1977, J. Econom. Entom., v. 70 (6), 697-698
Boophilus microplus, Amblyomma cajennense, and Anocentor nitens, susceptibility of Jamaican strains to various acaricides

Fenitrothion
Rawlins, S. C.; and Mansingh, A., 1977, PANS, v. 23 (2), 137-142
Boophilus microplus, Jamaican strain, susceptibility to 35 acaricides, carbamates more effective than organophosphates or formamidines, chlorinated hydrocarbons least effective, comparison of resistance pattern with susceptible and resistant Australian strains

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Fenitrotion. See Fenitrothion.

Fenotiazin. See Phenothiazine.

Fenson -- Araphosphothion (with Malathion).

Araphosphothion (Malathion + Fenson)
Greco, V.; and Saly, A., 1976, Veterinarstvi, v. 26 (6), 258-259
Haematopinus suis, swine, testing of several insecticides

Fenthion -- Baytex; Dimethyl 3-methyl-4-methylthiophenyl phosphorothionate; 0,0-Dimethyl 0-(3-methyl 4-methylthiophenyl) phosphorothioate; 0,0-Dimethyl-0-(4-methylthio-m-tolyl)ester; 0,0-Dimethyl 0-[4-(methylthio)-m-tolyl]phosphorothioate; Lysoff; Mercaptophos; Phosphorothioic acid 0,0-dimethyl-0-[4-(methylthio)-m-tolyl] ester; Spotton; Tiguvon; Tiguvon Pour-on or Spot-on.

Fenthion (Tiguvon)
Andrews, A. H.; Melrose, D. R.; and Lewis, W. H. E., 1976, Vet. Rec., v. 99 (10), 187
warble fly, bulls, "pour-on" fenthion, good results

Fenthion
Avrahami, M.; and White, D. A., 1975, N. Zealand J. Exper. Agric., v. 3 (4), 309-311
fenthion, topical spot-treatment for ectoparasites, ^{32}P radioisotope label, course through cow, residues in milk, urine, blood and feces

Fenthion (Baytex, Spotton, Tiguvon, Lysoff)
Beat, V. B.; and Morgan, D. P., 1977, J. Am. Vet. Med. Ass., v. 170 (8), 812-814
evaluation of hazards to veterinarians using pour-on organophosphate insecticides, symptoms and clinical values monitored; no great risk, but safe-handling procedures required

Fenthion -- Continued.

Fenthion
Drummond, R. O.; et al., 1977, J. Econom. Entom., v. 70 (2), 176-178
Hypoderma lineatum, cattle, efficacy of 5 animal systemic insecticides, log-probit analysis, good results; methoprene in drinking water did not prevent larvae from encapsulating in backs of cattle, but prevented adults from emerging from pupae: Texas

Fenthion (Tiguvon)
Fowler, J. L.; Furusho, Y.; and Fernau, R. C., 1971, Southeast Asian J. Trop. Med. and Pub. Health, v. 2 (4), 466-468
Dirofilaria immitis, dogs (exper.), fenthion used successfully as a prophylaxis against developing stages of parasite

Fenthion (Spotton)
Garlick, N. L., 1976, Canine Pract., Santa Barbara, v. 3 (2), 64-69
Dirofilaria immitis, dogs, drug trials, levamisole, good results against microfilariae and adult male heartworms, adult female heartworms resistant to drug, hematological and biochemical effects; levamisole + thiacetarsamide sodium + diethylcarbamazine, satisfactory results; levamisole followed by fenthion, good results

Fenthion
Garlick, N. L., 1976, Clin. Toxicol., v. 9 (6), 981-992
Dirofilaria immitis, dogs, drug-induced shock precipitated by microfilariae, proposed hypothesis

Tiguvon (Fenthion)
Gear, N. R., 1976, Comp. Biochem. and Physiol., v. 55 (1C), 5-10
4 Schistosoma spp., response to various acetylcholinesterase and cholinesterase inhibitors on hydrolysis of acetylcholine by parasite extracts

Fenthion (Spotton)
Knapp, F. W.; Christensen, C. M.; and Whiteker, M. D., 1977, J. Animal Sc., v. 45 (2), 216-218
Haematopinus suis, hogs, fenthion spot treatment, efficacy, superior to crotoxyphos + vapona

Fenthion
Laemmler, G.; and Gruener, D., 1975, Tropenmed. u. Parasitol., v. 26 (3), 359-369
Litomosoides carinii in Mastomys natalensis (exper.), 12 organophosphorus compounds tested for efficacy against micro- and macrofilarial infections

Fenthion
Laemmler, G.; and Gruener, D., 1976, Berl. u. Munchen, Tierarztl. Wchnschr., v. 89 (11), 222-225; (12), 229-233
Capillaria hepatica in Mastomys natalensis, comparative activity of 24 anthelmintics, possible model screening system

Fenthion -- Continued.

Fenthion (Tiguvon)
Laemmler, G.; and Wolf, E., 1977, Tropenmed. u. Parasitol., v. 28 (2), 205-225
Litomosoides carinii in Mastomys natalensis (exper.), 17 anthelmintics and chemotherapeutics comparatively tested for their chemoprophylactic activity against various larval stages of the parasites

Mercaptophos (Tiguvon, Fenthion)
Leland, S. E., jr.; et al., 1975, Am. J. Vet. Research, v. 36 (4), Part 1, 449-456
Cooperia punctata, in vitro-grown parasitic stages, evaluation of 28 anthelmintics using presumptive and confirmatory tests, comparison of in vitro potency with established in vivo activity against Cooperia and various other parasites, potential usefulness as preliminary screening method

Fenthion 2 o/o (Tiguvon Pour-on)
Neuhauser, H., 1974, Vet. Med. Rev. (4), 348-361
cattle lice, Tiguvon Spot-on, compared with Tiguvon Pour-on: Australia

Fenthion 20 o/o (Tiguvon Spot-on)
Neuhauser, H., 1974, Vet. Med. Rev. (4), 348-361
cattle lice, Tiguvon Spot-on, compared with Tiguvon Pour-on: Australia

Tiguvon
Shugart, J. I.; and Lloyd, J. E., 1977, J. Kansas Entom. Soc., v. 50 (4), 612 [Abstract]
Haematobia irritans, Hypoderma lineatum, Hypoderma bovis, cattle, tiguvon, forced use at watering station, good results: Wyoming

Fenthion (Tiguvon)
Stendel, W., 1977, Vet. Parasitol., v. 3 (3), 245-249
Hypoderma, cattle, comparison of suitability of fenthion pour-on and trichlorfon spot-on for controlling larval stages under German conditions

Fenthion
Stone, B. F.; Wilson, J. T.; and Youlton, N. J., 1976, Austral. J. Biol. Sc., v. 29 (3), 251-263
Boophilus microplus, 3 strains, linkage and dominance characteristics of genes for resistance to organophosphorus acaricides and allelic inheritance of decreased brain cholinesterase activity

Tiguvon (Fenthion)
Thornberry, H., 1976, Irish Vet. J., v. 30 (6), 83-88
Hypoderma bovis, H. lineatum, cattle, eradication trials, Dyvon-in-oil, Tiguvon, Ruelene 25E, Ruelene 6R, pour-on applications, good results: Ireland

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Ficam W. See Bendiocarb.

Ficus glomerata
Lal, Jawahar; et al., 1976, Indian J. Physiol. and Pharmacol., v. 20 (2), 64-68
Ascaridia galli, in vitro anthelmintic activity of 10 medicinal plants, comparison with piperazine hexahydrate

Filaricides
Elslager, E. F., 1974, Progr. Drug Research, v. 18, 99-172
human malaria and filariasis, new perspectives on chemotherapy, extensive review

Filaricides
Ricosse, J. H.; and Picq, J. J., 1973, Medecine Afrique Noire, v. 20 (11), 877-897
human filariasis, clinical indications for treatment, drugs in current use, review

Filaricides
Suswillo, R. R.; and Denham, D. A., 1977, J. Parasitol., v. 63 (3), 591-592
Brugia pahangi, transplanted infections in Meriones unguiculatus as a new system of testing drugs for filaricidal activity

Flagentyl. See Secnidazole.

Flagyl. See Metronidazole.

Flagyl forte. See Metronidazole.

Florocid. See Sodium fluoride.

Flubendazole
Danis, M.; et al., 1977, Brit. Med. J. (6098), v. 2, 1356 [Letter]
multiple hepatic and peritoneal echinococcal cysts in man treated with flubendazole with improvement of general health but no evidence that cysts were in state of regression; discussion of criteria for using IgE antibodies and immune complexes to assess efficacy of treatment

Flucort. See Flumethasone.

Flucytosine -- 5-Fluorocytosine.

5-Fluorocytosine
Duma, R. J.; and Finley, R., 1976, Antimicrob. Agents and Chemotherapy, v. 10 (2), 370-376
Naegleria fowleri, Acanthamoeba castellanii, A. polyphaga, in vitro susceptibility to variety of therapeutic agents, results suggest that amphotericin B is most effective agent against Naegleria but few agents are effective against Acanthamoeba

5-Fluorocytosine
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

Flucytosine -- Continued.

5-Fluorocytosine
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

5-Fluorocytosine
Visvesvara, G. S.; Healy, G. R.; and Jones, D. B., 1976, J. Protozool., v. 23 (2), 18A [Abstract]
Acanthamoeba spp., in vitro activity of several chemotherapeutic agents

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Flukanide. See Rafoxanide.

Flumethasone (Flucort)
Wittnich, C., 1976, Canad. Vet. J., v. 17 (10), 259-263
Entamoeba histolytica, dog, clinical and laboratory findings, probable transmission from human, Flagyl, flumethasone, good results: southeastern Quebec

Flunidazole -- 1-(2-Hydroxyethyl)-2-(p-fluorophenyl)-5-nitroimidazole; MK 915.

Flunidazole
Chappel, L. R., 1975, Avian Dis., v. 19 (4), 679-682
HmLl strain of Histomonas meleagridis, chicks, pathogenicity; three 1,2-disubstituted 5-nitroimidazoles tested to demonstrate applicability of disease model to chemotherapy

Flunidazole
Meingassner, J. G.; and Mieth, H., 1976, Experientia, v. 32 (2), 183-184
Tritrichomonas foetus, induction of metronidazole resistance, marked cross-resistance to other 5-nitroimidazole-derivatives in vitro and in vivo

Flunidazole (MK 915)
Pieri, F.; and Andre, L. J., 1974, Medecine Trop., v. 34 (2), 290-294
comparative study of amoebicidal drugs and their therapeutic effects

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5-Fluorocytosine. See Flucytosine.

Fluorodeoxyuridine
Irvin, A. D.; and Young, E. R., 1977, Nature, London (5627), v. 269, 407-409
Babesia spp., in vitro test for screening drug activity which exploits finding that Babesia parasites readily incorporate hypoxanthine in an in vitro culture system, may also be used to detect drug resistance patterns and have possible application in primary screening of antimalarial drugs

5-Fluoroorotate
Sherman, I. W.; and Jones, L. A., 1976, J. Protozool., v. 23 (2), 277-281
Plasmodium lophurae, reliable procedure for isolation of active ribosomes, optimal requirements for in vitro synthesis of proteins, effects of variety of drugs on duck reticulocyte and plasmodial ribosomes in cell-free protein-synthesizing systems (restricted selectivity not obtained)

5 Fluoro orotic acid
Hanson, W. L.; Chapman, W. L., jr.; and Kinnamon, K. E., 1977, Internat. J. Parasitol., v. 7 (6), 443-447
Leishmania donovani in Mesocricetus auratus model, existing procedure modified to make possible screening of 10-15 selected compounds per week for antileishmanial activity, glucantime used as reference compound

5-Fluorouracil -- 5-Fluoruracil.

5-Fluorouracil
Heischkeil, R., 1974, Tropenmed. u. Parasitol., v. 25 (1), 105-115
Plasmodium vinckei, mice, purine and pyrimidine derivatives, antimetabolic activity against structurally analogous vitamins of the B complex and precursors of nucleic acids, plasmodiostatic activity compared to some standard antimalarials

Fluorouracil
Pfefferkorn, E. R.; and Pfefferkorn, L. C., 1977, Exper. Parasitol., v. 42 (1), 44-55
Toxoplasma gondii, inhibition of growth and RNA and DNA synthesis by 5-fluorodeoxyuridine (FUDR), isolation and partial characterization of FUDR-resistant mutant also resistant to fluorouracil and fluorouridine, examination of possible mechanisms of resistance yielded new insights into pyrimidine salvage pathways of the parasite

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Fluorouridine
Pfefferkorn, E. R.; and Pfefferkorn, L. C., 1977, Exper. Parasitol., v. 42 (1), 44-55
Toxoplasma gondii, inhibition of growth and RNA and DNA synthesis by 5-fluorodeoxyuridine (FUDR), isolation and partial characterization of FUDR-resistant mutant also resistant to fluorouracil and fluorouridine, examination of possible mechanisms of resistance yielded new insights into pyrimidine salvage pathways of the parasite

5-Fluoruracil. See 5-Fluorouracil.

Flutamide -- 4'Nitro 3'trifluoromethyl isobutyranilide; Sch 13521.

Flutamide (Sch 13521)
Panitz, E.; and Stahl, C. A., 1977, Proc. Helminth. Soc. Washington, v. 44 (1), 102-104
Eimeria tenella, chickens, prophylactic and therapeutic activity of flutamide

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FMC 23509
Mansingh, A.; and Rawlins, S. C., 1977, Naturwissensch., v. 64 (1), 41
Boophilus microplus, antigonadotropic action of insect hormone analogues, inhibition of oviposition, mortality

Formaldehyde -- Formalin; Lysoform.

Formalin
Agrawal, M. C.; and Dutt, S. C., 1977, Indian Vet. J., v. 54 (1), 77-79
Stephanofilaria zaheeri, buffaloes, in vitro and in vivo drug trials, high efficacy with malathion: Jabalpur

Lysoform
do Amaral, V.; et al., 1975, Biologico, S. Paulo, v. 41 (8), 240-242
Polyplax serrata, laboratory mice treated with lysoform followed by daily change of bedding and spraying cages with 2-isopropoxyphenyl-N-methylcarbamate: Sao Paulo, Brazil

Formalin
El-Moukdad, A. R., 1976, Wien. Tierarztl. Monatsschr., v. 63 (12), 399-405
Eimeria necatrix, E. acervulina, E. tenella, chickens, effect of various disinfectants on oocyst development

Formalin
El-Moukdad, A. R., 1977, Wien Tierarztl. Monatsschr., v. 64 (3), 85-91
effect of disinfectants on nematode eggs and coccidia oocysts

Formalin
Hubert, W. A.; and Warner, M. C., 1975, J. Wildlife Dis., v. 11 (2), 241-244
Epistylis, channel catfish, bioassays of potential control chemicals, salt alone and combined with formalin most effective: experimental raceways, Gallatin, Tennessee

Formalin
Ito, S.; et al., 1975, Japan. J. Vet. Sc., Tokyo, v. 37 (3), 229-234
Toxoplasma, strains from cats infected with Isospora bigemina, oocysticidal effect of disinfectants, alcohols and other chemicals, only Lomasept, Neo Kurehasol, ethanol, methanol, peracetic acid, ammonia water, ammonium sulfide, and formalin were effective

Formalin + Malachite green
Loyacano, H. A., jr.; and Crane, J. S., 1977, Progr. Fish Cult., v. 39 (1), 39-40
Ichthyophthirius multifiliis in Anguilla rostrata, malachite green alone and combined with formalin (good results), Dylox (ineffective)

Formalin
Motomura, I., 1967, Nettai Igaku (Trop. Med.), v. 9 (4), 226-243
Toxoplasma gondii, cysts and proliferative forms, in vitro survival in different concentrations of disinfectants or on incubation with digestive enzymes or bovine bile

Formaldehyde -- Continued.

Formalin
Paperna, I.; et al., 1977, Aquaculture, v. 10 (3), 195-213
ectoparasites of cultured Sparus aurata, formalin, good results: Elat, Israel

Formalin
Roegge, M. A.; Rutledge, W. P.; and Guest, W. C., 1977, Aquaculture, v. 12 (2), 137-140
Zoothamnium sp. on larval Macrobrachium acanthurus, chemical control: copper sulfate, dylox, methylene blue, terramycin, combiotic, potassium permanganate, Roccal, nitrofurazone, and malachite green showed little control or were toxic to larvae; formalin at 50 ppm gave complete control, and had no ill effects on larvae: aquaculture, Kerr County, Texas

Formalin
Todoroff, T.; and Yurukova, D., 1973, Ztschr. Tropenmed. u. Parasitol., v. 24 (3), 329-335
Echinococcus granulosus, activity of sodium chloride and formalin against hydatid scolices determined by motility, staining properties, and cultivation in vitro; method of cultivating in vitro is rapid and has certain advantages over mouse inoculation in assessing viability

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Formalin. See Formaldehyde.

Formamidines and derivatives
Schuntner, C. A.; and Thompson, P. G., 1977, J. Austral. Entom. Soc., v. 15 (4), 1976, 388
Boophilus microplus larvae, formamidine derivatives, inhibition of carbaryl oxidizing enzyme as primary lesion in lethal action

Formosulfathiazole -- Socatyl.

Socatyl
Danielli, Y.; and Neuman, M., 1975, Refuah Vet., v. 32 (4), 94-95, 153-154
mixed parasites, cattle, good results following repeated chemotherapy: Birkat Ata

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Formothion -- S-(N-Formyl-N-methylcarbamoylmethyl) dimethyl phosphorothiolothionate.

Formothion
Stone, B. F.; Wilson, J. T.; and Youlton, N. J., 1976, Austral. J. Biol. Sc., v. 29 (3), 251-263
Boophilus microplus, 3 strains, linkage and dominance characteristics of genes for resistance to organophosphorus acaricides and allelic inheritance of decreased brain cholinesterase activity

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S-(N-Formyl-N-methylcarbamoylmethyl) dimethyl phosphorothiolothionate. See Formothion.

Foschlor. See Trichlorfon.

Fospirate -- 0,0-Dimethyl 0-3,5,6-trichloro-2-pyridylphosphate; Dimethyl 3,5,6-tri-chlor-2-pyridyl phosphate.

Fospirate
Bradley, R. E.; and Eidelberg, A. J., 1976, Am. J. Vet. Research, v. 37 (10), 1219-1220
Rhipicephalus sanguineus, fospirate-treated collars, dogs

Fospirate (Dimethyl 3,5,6-tri-chlor-2-pyridyl phosphate)
Gemmell, M. A.; and Oudemans, G., 1975, Research Vet. Sc., v. 19 (2), 216-217
Echinococcus granulosus, Taenia hydatigena, dogs (exper.), trials with fospirate, effective dose rates

Fospirate
Schantz, P. M.; and Prezioso, U., 1976, Am. J. Vet. Research, v. 37 (5), 619-620
immature Echinococcus granulosus, dogs, efficacy of divided doses of fospirate (70-94%); also active against Ancylostoma caninum and Toxocara canis

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Fouadin. See Stibophen.

Fourneau 309. See Suramin.

Franocid. See Diethylcarbamazine.

Fuadin. See Stibophen.

Fugitene. See Cucurbita spp.

Fumagillin -- Fumidil B.

Fumidil B
Armstrong, E., 1976, J. Invert. Path., v. 27 (3), 363-366
Nosema kingi, Drosophila willistoni (exper.), Fumidil B less deleterious to flies than benomyl, drug efficacy

Fumagillin (Fumidil B)
De Jonckheere, J.; and Van de Voorde, H., 1977, J. Protozool., v. 24 (2), 304-309
Naegleria, 6 strains compared in structure, indirect fluorescent antibody test, effect of temperature on growth rate, effect of amphotericin B and fumagillin, growth and cytopathic effect upon Vero cell cultures, and pathogenicity for mice, results demonstrate occurrence of nonpathogenic variants of N. fowleri

Fumagillin
Entner, N.; and Grollman, A. P., 1973, J. Protozool., v. 20 (1), 160-163
Entamoeba histolytica, effect of amebicidal agents on protein synthesis, correlation of drug structural characteristics with biologic activity, implications for designing drugs with increased margin of selective toxicity for parasite vs. host

Fumagillin -- Continued.

Fumagillin (Fumidil B)
Kurtti, T. J.; and Brooks, M. A., 1977, J. Invert. Path., v. 29 (2), 126-132
Microsporida [sp.], growth, development, and fumagillin sensitivity in vitro in moth (Heliothis zea) cell culture

Fumagillin
Lehnert, T., 1977, J. Apicult. Research, v. 16 (3), 163-164
Nosema apis in Apis mellifera, fumagillin, no detectable spores in queen mailing cages; need for entire colony of bees to be treated to prevent reinfection

Fumidil B
Liu, T. P., 1976, Apiacta, v. 11 (1), 10-13
Nosema apis, Fumidil B, ultrastructural alteration in spore membrane; effect on lipids of infected midgut epithelial cells of honey bees

Fumagillin
Madatov, R. I.; and Mershchiev, V. M., 1973, Vestnik Sel'skokhoz. Nauki Kazakhstana (11), 75-78
nosematosis, bees, chemotherapy, sulfapyridazine + chlortetracyclin most effective

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Fumidil B. See Fumagillin.

Fungizone. See Amphotericin B.

Furacillin. See Nitrofurazone.

Furacin. See Nitrofurazone.

Furacoccid. See Nitrofurazone.

Furadantin. See Nitrofurantoin.

Furaltadone -- Levofuraltadone; L-5-Morpholinomethyl-3-(-5-nitrofurfurylideneamino)-2-oxazolidinone HCl; NF-902.

Levofuraltadone (NF 902)
Bertrand, E.; et al., 1974, Medecine Trop., v. 34 (4), 485-494
Trypanosoma gambiense, recommended treatment methods for various clinical entities in human trypanosomiasis

Furaltadone
Schlemper, B. R., jr.; Chiari, E.; and Brener, Z., 1977, J. Protozool., v. 24 (4), 544-547
Trypanosoma cruzi, 48-hr drug screening test based on inhibition of exponential growth of culture forms as evaluated by cell counter, comparison with data from treating inoculated mice, advantages of in vitro method; culture forms not suitable for screening additives to prevent T. cruzi transmission by banked blood

Furaltadone -- Continued.

L-Furaltadone
Schlemper, B. R., jr.; Chiari, E.; and Brener, Z., 1977, J. Protozool., v. 24 (4), 544-547
Trypanosoma cruzi, 48-hr drug screening test based on inhibition of exponential growth of culture forms as evaluated by cell counter, comparison with data from treating inoculated mice, advantages of in vitro method; culture forms not suitable for screening additives to prevent T. cruzi transmission by banked blood

L-5-Morpholinomethyl-3-(-5-nitrofurfurylideneamino)-2-oxazolidinone HCl (NF-902)
Schlemper, B. R., jr.; Chiari, E.; and Brener, Z., 1977, J. Protozool., v. 24 (4), 544-547
Trypanosoma cruzi, 48-hr drug screening test based on inhibition of exponential growth of culture forms as evaluated by cell counter, comparison with data from treating inoculated mice, advantages of in vitro method; culture forms not suitable for screening additives to prevent T. cruzi transmission by banked blood

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Furapromidium. See Nitrofurylacrylamide.

Furatsilin. See Nitrofurazone.

Furazolidone -- Bifuran (with Nitrofurazone); Dependal (with Iodochlorhydroxyquin); Furoxon; Furoxone; Neftin; NF-180; N-(5-Nitro-2-furylidene)-3-amino-2-oxazolidone.

Furazolidone
de Carvalho, O. A.; et al., 1972, Pediat. Prat., S. Paulo, v. 43 (4), 135-138
Giardia lamblia in children, poor results in comparison studies of furazolidone, metronidazole and nitrimidazine in treatment

Bifuran
Chhabra, M. B.; and Ruprah, N. S., 1976, Indian Vet. J., v. 53 (4), 260-262
Eimeria tenella, Eimeria necatrix, single and mixed infections, chickens, comparative efficacy of 4 coccidiostats (Bifuran, Cycostat, Deccox, Embazin)

Furazolidone
Giangrante, C. A.; and Deambrosio, P. A., 1971, Minerva Med. Argentina, v. 2 (9), 52-60
giardiasis in children, furazolidone clinical trials, good results: Buenos Aires

Furazolidone
Huang, R. J.; and Lee, Y. C., 1975, J. Chinese Soc. Vet. Sc., v. 1 (2), 104-110
Eimeria tenella, chickens, immunization by use of anticoccidials

Furazolidone
Jordan, F. T. W.; et al., 1976, Avian Path., v. 5 (3), 175-186
clinical and pathological observations on field and experimental zoalene poisoning in broiler chicks caused by overdose, synergistic effect of furazolidone; overdose of zoalene given to laying hens caused inappetence, cessation of egg production, and progressive weakness

Furazolidone -- Continued.

Furazolidone
Levi, G. C.; de Avila, C. A.; and Amato Neto, V., 1977, Am. J. Trop. Med. and Hyg., v. 26 (3), 564-565
human giardiasis, comparative clinical trials using furazolidone, nimorazole, metronidazole, and tinidazole in standard doses: Sao Paulo, Brazil

Furoxone (NF-180)
Manuel, M. F.; and Alcarde, J. A., 1975, Philippine J. Vet. Med., v. 13 (1-2), 156-162
coccidiosis, broilers raised on deep litter, Amprol Plus, Zoamix, NF-180, comparative drug efficacies, growth and mortality rates

Furazolidon
Ono, T.; and Inoki, S., 1976, Biken J., v. 19 (2), 63-69
p-rosaniline-sensitive and -resistant strains of Trypanosoma gambiense in mice, interaction of p-rosaniline, furazolidon on kinetoplast; development of resistance, appearance of akinetoplastic forms

Furazolidone
Paine, T. F., jr.; and Gluck, F. W., 1976, J. Am. Med. Ass., v. 236 (21), 2425-2426
Giardia lamblia, woman, severe debilitating diarrhea, diagnostic problems, relationship to foreign travel, metronidazole, quinacrine or furazolidone: Tennessee

Furazolidone (Furoxon)
Palomino, H.; et al., 1970, Bol. Chileno Parasitol., v. 25 (1-2), 52-56
Giardia lamblia in children, comparative clinical trials testing acranil, furazolidone, metronidazole, paromomycin and intestopan

Furazolidone + Nitrofurazone (=Bifuran)
Panda, N. C.; et al., 1973, Indian Vet. J., v. 50 (1), 22-26
coccidiosis, chicks, Bifuran, sulphaquinoxaline, development of resistance to single coccidiostat over 3 year period; good results against coccidia by alternating drugs yearly

Furazolidone
Sargeaunt, P. G.; and Lumsden, W. H. R., 1976, Tr. Roy. Soc. Trop. Med. and Hyg., v. 70 (1), 54-56
Entamoeba histolytica in vitro, action of furazolidone and iodochlorhydroxyquin alone and as combination drug (dependal)

Furazolidone + Iodochlorhydroxyquin (= Dependal)
Sargeaunt, P. G.; and Lumsden, W. H. R., 1976, Tr. Roy. Soc. Trop. Med. and Hyg., v. 70 (1), 54-56
Entamoeba histolytica in vitro, action of furazolidone and iodochlorhydroxyquin alone and as combination drug (dependal)

Furazolidone
Schlemper, B. R., jr.; Chiari, E.; and Brener, Z., 1977, J. Protozool., v. 24 (4), 544-547
Trypanosoma cruzi, 48-hr drug screening test based on inhibition of exponential growth of culture forms as evaluated by cell counter, comparison with data from treating inoculated mice, advantages of in vitro method; culture forms not suitable for screening additives to prevent T. cruzi transmission by banked blood

Furazolidone + Nitrofurazone (= Bifuran)
Singh, J.; and Hussain, O., 1977, Ann. Parasitol., v. 52 (4), 397-402
Eimeria tenella, chicks with different levels of infection, comparison of therapeutic activity of sulphadimethoxine vs. bifuran and of effect of medication on development of immunity

Neftin
Sreemannarayana, O.; Azeez, S. A.; and Zikriah, S., 1976, Indian Vet. J., v. 53 (1), 76
Balantidium coli, cattle, buffaloes, neftin, good results

Furazolidone
Svanbaev, S. K.; and Dzerzhinskii, V. A., 1976, Vestnik Sel'skokhoz. Nauki Kazakhstana (1), 70-72
Eimeria faurei, lambs, furacillin and furazolidone suppress parasite development in first half of prepatent period, treatment not useful in second half of prepatent period

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Furidin. See Thiofuradene.

Furoxon. See Furazolidone.

Furoxone. See Furazolidone.

G-418
Duma, R. J.; and Finley, R., 1976, Antimicrob. Agents and Chemotherapy, v. 10 (2), 370-376
Naegleria fowleri, Acanthamoeba castellanii, A. polyphaga, in vitro susceptibility to variety of therapeutic agents, results suggest that amphotericin B is most effective agent against Naegleria but few agents are effective against Acanthamoeba

Gabbroral. See Paromomycin.

Gamahexachlorcyclohexan. See Benzene hexachloride, Gamma.

Game Bird Wormer. See Tetramisole.

Gamene. See Benzene hexachloride, Gamma.

Gamexane. See Benzene hexachloride, Gamma.

Gamiso. See Benzene hexachloride, Gamma.

Gamma benzene hexachloride. See Benzene hexachloride, Gamma.

Gamma B.H.C. See Benzene hexachloride, Gamma.

Gamma HCH. See Benzene hexachloride, Gamma.

Gammalin 20. See Benzene hexachloride, Gamma.

Gammatox. See Benzene hexachloride, Gamma.

Gammaxane 20. See Benzene hexachloride, Gamma.

Gammexane. See Benzene hexachloride, Gamma.

Gamoxone. See Paraquat.

Ganaseg. See Berenil.

Gantrisin. See Sulfisoxazole.

Garamycin. See Gentamicin.

GBH. See Benzene hexachloride, Gamma.

Gentamicin -- Garamycin; Gentamicin A; Gentamicin sulphate.

Gentamicin A
Entner, N.; and Grollman, A. P., 1973, J. Protozool., v. 20 (1), 160-163
Entamoeba histolytica, effect of amebicidal agents on protein synthesis, correlation of drug structural characteristics with biologic activity, implications for designing drugs with increased margin of selective toxicity for parasite vs. host

Gentamicin -- Continued.

Gentamicin sulphate (Garamycin)
Sharma, S. K.; Banerjee, D. P.; and Gautam, O. P., 1977, Ann. Recherches Vet., v. 8 (3), 307-313
Anaplasma marginale, cattle (exper.), dithiosemicarbazone (in combination with oxytetracycline), chloramphenicol and rolitetracycline very efficacious in bringing about clinical recovery and elimination of carrier status, imidocarb could not completely eliminate organisms, gentamicin sulphate ineffective

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Gentamicin A. See Gentamicin.

Gentamicin sulphate. See Gentamicin.

Gentianine
Natarajan, P. N.; Wan, A. S.; and Zaman, V., 1974, Planta Med., v. 25 (3), 258-260
Plasmodium berghei in mice, Entamoeba invadens in monophasic medium, poor results in laboratory trials with gentianine and 3-hydroxymethyl-4-hydroxyethyl-5-vinyl-pyridine

Gentian violet -- Crystal violet.

Gentian violet
Ahmed, S.; and Ali, M. I., 1973, Vet. Med. Rev. (2), 136-142
Stephanofilaria assamensis, cattle, Antimosan-solution injected under sores followed by local applications of gentian violet, drug trials, good results: East Pakistan

Crystal violet
Bacchi, C. J.; et al., 1975, Antimicrob. Agents and Chemotherapy, v. 8 (6), 688-692
Leptomonas of insect origin, cross-resistance patterns of clones to a variety of medical and veterinary trypanocides and leishmanicides, potential as a model screening system

Crystal violet
Bacchi, C.; et al., 1975, J. Protozool., v. 22 (3), 33A [Abstract]
Leptomonas, cross-resistance patterns of antrycide-resistant clones

Gentian violet
Draghici, O., 1973, Med. Int., Bucuresti, v. 25 (8), 945-953
clinical manifestations of human Strongyloides stercoralis, eosinophilia changes before and after treatment with telmid or gentian violet, case reports

Gentian violet
Shih, W.-J., 1976, J. Am. Med. Ass., v. 236 (10), 1116
diagnosis of Clonorchis sinensis in man by hepatic scan, history of raw and undercooked fish consumption, resolution of lesions after treatment with gentian violet and chloroquine: Taiwan

Gentian violet -- Continued.

Crystal violet
Vilaseca, G. C.; et al., 1966, Vox Sanguinis, v. 11 (6), 711-716
Trypanosoma cruzi, application of crystal violet dye to blood bank donor blood prevents transfusional transmission of Chagas disease

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Geranyl 2-tetrahydropyranyl ether
Boisvenue, R. J.; Emmick, T. L.; and Galloway, R. B., 1977, Exper. Parasitol., v. 42 (1), 67-72
Haemonchus contortus, some compounds with juvenile hormone activity inhibited in vitro development of infective larvae, none of these compounds had anthelmintic properties against Ascaris suum or Nematospiroides dubius in mice

Germanin. See Suramin.

Gexane. See Benzene hexachloride, Gamma.

Gipodermin-chlorofos. See Trichlorfon.

Gloxazone. See Dithiosemicarbazone.

Glucantime. See N-Methyl-glucamine antimoniate.

Glycarbylamide
Long, P. L., 1973, Folia Vet. Latina, v. 3 (1), 89-109
Eimeria tenella, Eimeria mivati, cultured in chick embryos, technique for screening

Glycarbylamide
McLoughlin, D. K.; and Chute, M. B., 1973, Avian Dis., v. 17 (4), 717-721
Eimeria tenella, chickens (exper.), nequinate, good results against a sensitive strain and strains resistant to non-quinoline coccidiostats, development of nequinate-resistant strain, cross-resistance study

Glycarbylamide
Weppelman, R. M.; Battaglia, J. A.; and Wang, C. C., 1977, Exper. Parasitol., v. 42 (1), 56-66
Eimeria tenella, selection and frequency of drug-resistant mutants in chickens medicated with optimal levels of drugs, mutants resistant to amquinate or glycarbylamide were isolated but this procedure failed to yield mutants resistant to amprolium, nicarbazin, robenidine, or monensin

Glycerol + Salicyl hydroxamic acid
Clarkson, A. B., jr.; and Brohn, F. H., 1976, Science (4261), v. 194, 204-206
Trypanosoma brucei brucei, T. brucei rhodesiense, mice, salicyl hydroxamic acid + glycerol block glucose catabolism of the parasite and it is rapidly destroyed but parasitemia recurs after treatment, with modification may be new approach to trypanosome chemotherapy

Glycerol (in combination with Salicylhydroxamic acid)
Evans, D. A.; Brightman, C. J.; and Holland, M. F., 1977, Lancet, London (8041), v. 2, 769 [Letter]
Trypanosoma brucei brucei and T. b. rhodesiense infections in mice (exper.) successfully treated with salicylhydroxamic acid if combined with glycerol and administered before patent infection established; T. vivax infections of different durations all successfully cured

Glycerol + Salicylhydroxamic acid
Fairlamb, A. H.; Opperdoes, F. R.; and Borst, P., 1977, Nature, London (5591), v. 265, 270-271
Trypanosoma brucei, effect of salicylhydroxamic acid + glycerol on motility and pyruvate production, shows how knowledge of trypanosome metabolism has led to new methods for screening drugs

Glycobiarsol
Vakil, B. J.; and Dalal, N. J., 1974, Progr. Drug Research, v. 18, 353-364
Entamoeba histolytica, humans, techniques for comparative evaluation of amoebicidal drugs: sites of action, efficacy, side effects, and toxicity

Guanazolo -- 8-Azaguanine.

8-Azaguanine
Irvin, A. D.; and Young, E. R., 1977, Nature, London (5627), v. 269, 407-409
Babesia spp., in vitro test for screening drug activity which exploits finding that Babesia parasites readily incorporate hypoxanthine in an in vitro culture system, may also be used to detect drug resistance patterns and have possible application in primary screening of antimalarial drugs

8-Azaguanine
Williamson, J.; and Scott-Finnigan, T. J., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (1), 1-2 [Demonstration]
Trypanosoma congolense, in vitro testing of antiviral and antitumor compounds with possible trypanicidal effects, probable RNA inhibition

Halamid. See Chloramine-T.

Halofuginone -- 6-Chloro-7-bromo febrifugine; RU 19110; Stenerol; Stenorol.

Halofuginone (Stenorol)
Foure, N.; and Bennejean, G., 1974, Bull. Inform. Station Exper. Avicult. Ploufragan (Cotes-du-Nord), v. 14 (3), 57-60
Eimeria, chickens, Halofuginone, comparison with methyl-benzoquate and Clopidol, good results

Stenorol (Halofuginone)
Lee, Y. C.; Hsieh, F. F.; and Chien, C. Y., 1976, J. Chinese Soc. Vet. Sc., v. 2 (1), 44-47
Eimeria tenella, broilers, Stenorol in feed, superior to Elancoban or Amprol-plus as prophylactic treatment, no remarkable differences among treatments in weight gain and feed consumption

Halofuginone
Ryley, J. F.; and Wilson, R. G., 1976, Parasitology, v. 73 (2), 137-148
Eimeria tenella, practical considerations involved in screening drugs in cell culture and in the chicken, analysis for incidence of anticoccidial activity and host cell toxicity based on 11,550 compounds screened in vitro, correlation of activity in vitro and in vivo attempted, results show that screening compounds in vitro is not satisfactory or reliable alternative to screening in chickens, but in vitro studies can play a part in evaluation of active drugs

Halofuginone (Stenerol)
Yvore, P.; and Hubert, J., 1977, Rec. Med. Vet., v. 153 (4), 287-291
Eimeria tenella, E. acervulina, halofuginone added to drinking water of infected chickens (exper.), curative effects compared with action of darvisul and amprolium, good results

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Haloquine -- Cycloquine.

Cycloquine
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

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Halox. See Haloxon.

Haloxon -- 0,0-Bis(2-chloroethyl)-0-(3-chloro-4-methyl-7-coumarinyl)phosphate; 3-Chlor-7-hydroxy-4-methylcumarin bis-(2-chlorethyl) phosphate; 0,0 Di(2-chlorethyl) 0-(3 chloro-4-methylcoumarin-7-yl)phosphate; 0,0 Di(2-chloroethyl)-0-(3-chloro-4-methylcoumarin-7-yl)phosphate; Eustidil; Halox; Loxon; Thorovurm Plus.

Haloxon -- Continued.

Haloxon (Loxon)
Berger, J., 1975, J. South African Vet. Ass., v. 46 (4), 369-372
sheep, laboratory strain and parbendazole resistant field strain of Haemonchus contortus, resistant to five benzimidazoles, susceptible to levamisole and haloxon

Haloxon
Dorchies, P.; and Amalric, M., 1977, Rev. Med. Vet., Toulouse, v. 128 (1), 7-24
gastrointestinal helminths, gastrophilosis, horses, anthelmintics, drug efficacy, review

Haloxon
Douch, P. G. C.; and Gahagan, H. M., 1977, Xenobiotica, v. 7 (5), 301-307
Moniezia expansa, Ascaris lumbricoides var suum, reduction and/or hydrolysis of niclosamide and related compounds by intact helminths and by enzyme preparations from the helminths and from mouse and sheep liver homogenates, reduction of niclosamide inhibited by allopurinol, indicates that coadministration of niclosamide and allopurinol might improve efficacy of anthelmintic, hydrolysis of benzanilide and related compounds inhibited by anthelmintic organophosphates

Haloxon
Douch, P. G. C.; and Gahagan, H. M., 1977, Xenobiotica, v. 7 (5), 309-314
Ascaris lumbricoides var suum, N-deacetylase, localization and some properties, inhibition by anthelmintic organophosphates indicates they have potential use as adjuvants for anthelmintics of other chemical classes

Haloxon
Groeneveld, H. T.; and Reinecke, R. K., 1969, Onderstepoort J. Vet. Research, v. 36 (2), 285-297
non-parametric statistical method for comparing worm burdens in two groups of sheep, application in interpreting results of anthelmintic tests

Haloxon (Loxon)
Herlich, H., 1976, Vet. Parasitol., v. 2 (4), 377-383
Trichostrongylus axei, T. colubriformis, rabbits, efficacy of 8 anthelmintics at dose rates known to be effective in ruminants, evaluation of this system as preliminary screen for testing potential anthelmintics

Eustidil
Isenbuegel, E., 1976, Prakt. Tierarzt , v. 57, Sondernummer, 21-27
Capillaria erinacei, hedgehogs

Haloxon
Kingsbury, P. A.; Rees, T. A.; and Piercy, D. W. T., 1977, Vet. Rec., v. 101 (24), 477-479
nematodes, dogs, cats (both nat. and exper.), haloxon, efficacy and safety trials, good results with no significant side effects

Haloxon -- Continued.

Haloxon (Eustidil)
Laemmler, G.; and Gruener, D., 1975, Tropenmed. u. Parasitol., v. 26 (3), 359-369
Litomosoides carinii in Mastomys natalensis (exper.), 12 organophosphorus compounds tested for efficacy against micro- and macrofilarial infections

Haloxon (Eustidil)
Laemmler, G.; and Wolf, E., 1977, Tropenmed. u. Parasitol., v. 28 (2), 205-225
Litomosoides carinii in Mastomys natalensis (exper.), 17 anthelmintics and chemotherapeutics comparatively tested for their chemoprophylactic activity against various larval stages of the parasites

Haloxon
McCallister, G. L., 1976, Proc. Helminth. Soc. Washington, v. 43 (1), 89-90
Haemonchus contortus, free-living stages, haloxon, thiabendazole; haloxon ineffective against all free-living stages and exsheathed third-stage larvae, thiabendazole had noticeable effect only on unembryonated egg

Haloxon
de Matos, P. F.; and Costa, J. O., 1976, Arq. Escola Vet. Univ. Fed. Minas Gerais, v. 28 (2), 173-180
gastrointestinal helminths, horses, levamisole, haloxon, crufomate, anthelmintic efficiency

Haloxon (Eustidil)
Pfeiffer, A., 1977, Prakt. Tierarzt, v. 58 (1), 32-38
Hyostrongylus rubidus, Oesophagostomum spp., sows treated for improved weight gain of weanling pigs

Haloxon (Thorovurm Plus)
Scott, P., 1977, N. Zealand Vet. J., v. 25 (12), 373-378
detailed review of some modern equine anthelmintics, efficacy and safety

Haloxon
Stubbings, D. P.; et al., 1976, Vet. Rec., v. 99 (7), 127-128
pig paralysis resulting from use of haloxon as worming compound, rate of onset and degree of paralysis appears to be dose-related, accurate dose measurement recommended

Haloxon (Halox)
Waldhalm, D. G.; and Hall, R. F., 1977, J. Am. Vet. Med. Ass., v. 171 (5), 429-430
haloxon, thiabendazole, levamisole, feedlot cattle, light nematode infections, no significant difference in weight gains in treated or untreated groups, 113-day feeding period

Haloxon
Williams, J. F.; Dade, A. W.; and Benne, R., 1976, J. Am. Vet. Med. Ass., v. 169 (12), 1307-1309
sheep, ataxia and posterior paralysis following haloxon treatment

Haloxon -- Continued.

Haloxon
Zahner, H.; et al., 1976, Ztschr. Parasitenk., v. 50 (2), 224
Litomosoides carinii in Mastomys natalensis, diethylcarbamazine and haloxon treatment, reduction of microfilaremia, immobilization of microfilariae in various organs

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Halquinol -- Quixalin.

Quixalin
Sreemannarayana, O., 1976, Indian Vet. J., v. 53 (11), 883-894
Isospora bigemina, dogs, Quixalin, case reports

Halquinol
Vakil, B. J.; and Dalal, N. J., 1974, Progr. Drug Research, v. 18, 353-364
Entamoeba histolytica, humans, techniques for comparative evaluation of amoebicidal drugs: sites of action, efficacy, side effects, and toxicity

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HCH. See Benzene hexachloride, Gamma.

Helmatac. See Parbendazole.

Helmatac 30. See Parbendazole.

Helmirazin. See Piperazine.

Helmitin
Mikhov, M.; et al., 1972, Makedon. Med. Pregl., v. 27 (3-4), 271-280
helmitin and nekel effective in human oxyuriasis and ascariasis; mintesol more effective in trichuriasis: Macedonia

Hemithiacyanines
Gavaghan, A. D.; and Nunn, A. J., 1972, Pharm. Acta Helvetiae, v. 47 (11-12), 719-726
Nippostrongylus brasiliensis, Strongyloides ratti, Nematospiroides dubius, synthesis of thiacyanine and hemithiacyanine derivatives of benzothiazole, significant anthelmintic activity in laboratory trials with mice

Hetolin -- 1,1,1-Tri-(4-chlorphenyl)-propionic acid-(4-methyl-piperazid)-hydro-chloride.

Hetolin
Krvavica, S.; et al., 1976, Vet. Arhiv, Zagreb, v. 46 (9-10), 241-244
Dicrocoelium dendriticum, sheep, mechanism of hetolin activity, inhibition of enzymes

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Hetrazan. See Diethylcarbamazine.

Hetrazan citrate. See Diethylcarbamazine.

Hexachlorocyclohexane. See Benzene hexachloride, Gamma.

1,2,3,4,5,6-Hexachloro-cyclohexane. See Benzene hexachloride, Gamma.

Hexachloroethane -- Avlothane; Hexachoethane Drench.

Hexachloroethane + Carbon tetrachloride
Ahluwalia, J. S.; and Singh, A. N., 1975, Current Sc., Bangalore, v. 44 (24), 907-908
Cotylophoron sp., Gastrothylax sp., sheep, clinical symptoms, carbon tetrachloride + hexachloroethane, carbon tetrachloride + hexachlorophene, good results; carbon tetrachloride alone per os, not very effective: Bihar

Hexachloroethane
Bartlet, A. L., 1976, Brit. J. Pharmacol., v. 58 (3), 395-400
Fasciola hepatica in vitro, spasmogenic action of carbon tetrachloride and hexachloroethane compared with that of chloroform, pentachloroethane and tetrachloroethylene

Hexachloroethane
Foreyt, W. J.; and Todd, A. C., 1976, J. Wildlife Dis., v. 12 (3), 361-366
Fascioloides magna in Odocoileus virginianus, hexachlorophene, nitroxynil, and rafoxanide partially successful; hexachloroethane, clioxanide, and diamphenethide not effective

Hexachloroethane
Foreyt, W. J.; and Todd, A. C., 1976, Vet. Med. and Small Animal Clin., v. 71 (6), 816-822
Fasciola hepatica, Fascioloides magna, cattle, liver condemnation, prevalence, distribution, chemotherapy, life cycle, review; treatment with hexachloroethane or hexachlorophene against F. magna in cattle not effective: southern Texas

Hexachloroethane (Avlothane)
Rao, V. N.; and Rao, K. N. P., 1977, Livestock Advis., v. 2 (8), 13-15
toxicity of some anthelmintics (carbon tetrachloride, phenothiazine, hexachloroethane, piperazine), preventive measures

Hexachloroethane
Stammers, B. M., 1975, Ztschr. Parasitenk., v. 47 (2), 145-150
Fasciola hepatica, disruption of spermatogenesis, known fasciolicides and other anthelmintics tested

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Hexachlorophene -- Bis(2 hydroxy-3,5,6-trichlorophenyl) methane; Coopaphene; Distodin; Fascol; Mitecide Otic Solution (with Methoxychlor and Pyrethrin); Schistopel.

Hexachlorophene + Carbon tetrachloride
Ahluwalia, J. S.; and Singh, A. N., 1975, Current Sc., Bangalore, v. 44 (24), 907-908
Cotylophoron sp., Gastrothylax sp., sheep, clinical symptoms, carbon tetrachloride + hexachloroethane, carbon tetrachloride + hexachlorophene, good results; carbon tetrachloride alone per os, not very effective: Bihar

Hexachlorophene -- Continued.

Hexachlorophene
Ahluwalia, J. S.; Sinha, B. K.; and Singh, A. N., 1976, Indian Vet. J., v. 53 (9), 723-724
amphistomiasis, cattle, carbon tetrachloride intramuscularly, hexachlorophene orally, good results: Muzaffarpur district, North Bihar

Hexachlorophene (Distodin)
Chhabra, R. C.; and Bali, H. S., 1976, J. Research, Punjab Agric. Univ., v. 13 (2), 226-231
amphistomes in cattle and buffaloes, drug efficacy under field conditions, oxyclozanide (most effective), clioxanide (good results), niclosamide, niclofolan and hexachlorophene (least effective): Punjab, India

Hexachlorophene + Bis(2-hydroxy-3,5-dichlorophenyl) sulphoxide
Chroustova, E., 1975, Acta Vet. Brno, v. 44 (1-2), 131-136
Fasciola hepatica, bis(2-hydroxy-3,5-dichlorophenyl) sulphoxide alone or with hexachlorophene, cattle, medicated feed, effective, economical

Hexachlorophene
Foreyt, W. J.; and Todd, A. C., 1976, J. Wildlife Dis., v. 12 (3), 361-366
Fascioloides magna in Odocoileus virginianus, hexachlorophene, nitroxynil, and rafoxanide partially successful; hexachloroethane, clioxanide, and diamphenethide not effective

Hexachlorophene
Foreyt, W. J.; and Todd, A. C., 1976, Vet. Med. and Small Animal Clin., v. 71 (6), 816-822
Fasciola hepatica, Fascioloides magna, cattle, liver condemnation, prevalence, distribution, chemotherapy, life cycle, review; treatment with hexachloroethane or hexachlorophene against F. magna in cattle not effective: southern Texas

Hexachlorophene (Bis(2 hydroxy-3,5,6-trichlorophenyl) methane)
Goldberg, M.; and Gold, D., 1976, Comp. Biochem. and Physiol., v. 54 (2C), 103-107
Fasciola hepatica, rats, hexachlorophene, marked lethal effect on immature and mature flukes but produces toxic effects on host (blood neutrophilia, changes in levels of certain enzymes)

Hexachlorophene
Koopman, J. J., 1970, Proc. 6. Internat. Conf. Cattle Dis. (Philadelphia, Aug. 16-20, 1970), 357-359
fascioliasis, cattle, sheep, suggestions for treatment and prevention in the Netherlands; testing of Acedist, Bilevon-R, comparison with hexachlorophene

Hexachlorophen
Michalek, A.; and Vodrazka, J., 1977, Veterinaria, Praha, v. 19 (1-2), 13-27
fascioliasis, lactic dehydrogenase isoenzyme activity in blood of sheep after administration of fasciolicides to measure effect on liver

Hexachlorophene -- Continued.

Hexachlorophene
Okao, E. T., 1975, Trop. Animal Health and Prod., v. 7 (3), 157-163
Fasciola gigantica, live weight gains of chronically infected cattle (Bos indicus) following treatment with oxyclozanide, rafoxanide, hexachlorophene and nitroxynil, optimum frequency of treatment is 3 times a year, chemotherapy as a control measure is economically beneficial to livestock industry in Uganda

Hexachlorophene (Schistopel)
van Rensburg, L. J., 1972, J. South African Vet. Ass., v. 43 (4), 405-407
Schistosoma mattheei in Proamys natalensis (exper.), protective effect of hexachlorophene in a liquid soap, protection persisted after animals were washed in running tap water

Hexachlorophene + Pyrethrin + Methoxychlor (= Mitecide Otic Solution)
Scott, D. W., 1977, Feline Pract., v. 7 (3), 47-50
drug eruption in a cat due to a mitecide

Hexachlorophene
Stammers, B. M., 1975, Ztschr. Parasitenk., v. 47 (2), 145-150
Fasciola hepatica, disruption of spermatogenesis, known fasciolicides and other anthelmintics tested

Hexachlorophene (Coopaphene)
Sutherland, I. H.; and Batty, A. F., 1971, Vet. Rec. (4880), v. 89 (23), 603, 604-605
Fasciola hepatica, sheep, rafoxanide effectively reduced fecal fluke egg count with no toxic side effects, compares favorably with hexachlorophene, oxyclozanide, and nitroxynil: Great Britain

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Hexachlorparaxylol. See 1,4-Bis (trichloromethyl) benzene.

Hexachoethane Drench. See Hexachloroethane.

n-Hexadecylamino-4 quinoline
Renault, J.; Cavier, R.; and Renault, S., 1976, Compt. Rend. Acad. Sc., Paris, v. 282, s. D, (5), 509-511
Entamoeba dysenteriae, secondary aminoquinolines, influence of alkylamino chain length and position on activity in vitro and in vivo

Hexamethyl phosphoramide
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

Hexasodio-α,α'bis[(4,5-dicarboxy-2-stibia-1,3-dithiolan-2-yl)-mercapto] succinic acid. See Stibocaptate.

Hexasodium carbonyl bis-[8-[3-(3-aminobenzamido)-4-methylbenzamido]-naphthalene-1,3,5-trisulfonate]. See Suramin.

Hexetidine (Hexoral)
Heischkeil, R., 1974, Tropenmed. u. Parasitol., v. 25 (1), 105-115
Plasmodium vinckei, mice, purine and pyrimidine derivatives, antimetabolic activity against structurally analogous vitamins of the B complex and precursors of nucleic acids, plasmodiostatic activity compared to some standard antimalarials

Hexoral. See Hexetidine.

Hexylresorcinol
Alvarez Chacon, R.; Rodriguez Rodriguez, M.; and Cob Sosa, C. E., 1974, Bol. Med. Hosp. Inf., v. 31 (6), 1125-1147
massive Trichuris trichiura infections, children, statistical survey, comparative clinical trial with oral and rectal thiabendazole and rectal hexylresorcinol

Hexylresorcinol
McKay, D. A.; Hiap, C. Y.; and Virik, H. K., 1971, Med. J. Malaya, v. 26 (1), 20-24
treatment trials in children with diarrhea from severe Trichuris trichiura infection or mixed infections with Entamoeba histolytica, comparison of thiabendazole alone or in combination with hexylresorcinol as single retention enema: Kuala Lumpur

Holothurin
Sen, D. K.; and Lin, V. K., 1975, J. Protozool., v. 22 (3), 25A-26A [Abstract]
mice treated with holothurin and infected with Trypanosoma duttoni developed lower parasitemia than untreated controls

Homidium -- 3,8-Diamino-5-ethyl-6-phenyl-phenanthridium bromide; Ethidium; Ethidium bromide; Homidium bromide.

Ethidium
Al Chalabi, K.; and Gutteridge, W. E., 1974, Tr. Roy. Soc. Trop. Med. and Hyg., v. 68 (2), 146 [Abstract]
Trypanosoma spp., Crithidia fasciculata, C. oncopelti, thymidine phosphorylase activity, salvage pathways, inhibition of activity by suramin and ethidium

Ethidium
Bacchi, C.; et al., 1975, J. Protozool., v. 22 (3), 33A [Abstract]
Leptomonas, cross-resistance patterns of antrycide-resistant clones

Ethidium bromide
Bacchi, C. J.; et al., 1975, Antimicrob. Agents and Chemotherapy, v. 8 (6), 688-692
Leptomonas of insect origin, cross-resistance patterns of clones to a variety of medical and veterinary trypanocides and leishmanicides, potential as a model screening system

Homidium -- Continued.

Ethidium bromide
Benard, J.; and Riou, G., 1977, Biochem. and Biophys. Research Commun., v. 77 (4), 1189-1195
Trypanosoma cruzi, 9-hydroxy ellipticine and ethidium bromide inhibit the transcription of kinetoplast DNA by E. coli RNA polymerase

Ethidium bromide
Docampo, R.; de Boiso, J. F.; and Stoppani, A. O. M., 1974, Medicina, Buenos Aires, v. 34 (5), 525-531
action of ethidium bromide on Trypanosoma cruzi metabolism (damage to kinetoplast DNA; reduced respiration; changes in glycolysis)

Ethidium Br
Gaborak, M.; Darling, J. L.; and Gutteridge, W. E., 1977, Nature, London (5618), v. 268, 339-340
Trypanosoma cruzi, T. dionisii, drug sensitivities of culture forms almost identical, T. dionisii could replace T. cruzi in in vitro drug screens

Ethidium bromide
Goldberg, B.; et al., 1974, J. Protozool., v. 21 (2), 322-326
Leptomonas sp., inhibition by several standard antiprotozoal drugs of growth and oxygen uptake of cells and particulate preparations, possible use as model organism for screening antitrypanosomatid agents as compared to Crithidia fasciculata

Homidium bromide
Goodwin, L. G.; and Tierney, E. D., 1977, Parasitology, v. 74 (1), 33-45
Trypanosoma brucei, T. evansi, bioassay technique for titration of trypanocidal activity in microtest plates using very small samples, use to study activity of plasma and tissue fluid from normal and infected rabbits treated with curative drugs, activity higher in samples from infected rabbits due to participation of immune response

Ethidium bromide
Hill, G. C.; and Bonilla, C. A., 1974, J. Protozool., v. 21 (5), 632-638
Crithidia fasciculata, isolation of DNA-dependent RNA polymerases, purified nuclear and kinetoplast DNA can serve as templates for these RNA polymerases, this RNA synthesis is inhibited by several trypanocidal drugs, hybridization experiments revealed no homologies between Blastocrithidia culicis and Crithidia fasciculata K-DNA

Homidium
Ilemobade, A. A.; et al., 1975, Ann. Trop. Med. and Parasitol., v. 69 (1), 13-18
Trypanosoma vivax, 47 isolates from Zebu in northern Nigeria, none resistant to homidium, isolation more sucessful in exper. cattle than in sheep and not at all in goats

Homidium -- Continued.

Ethidium (Homidium bromide)
Jennings, F. W.; Whitelaw, D. D.; and Urquhart, G. M., 1977, Parasitology, v. 75 (2), 143-153
Trypanosoma brucei, mice, relationship between duration of infection and efficacy of chemotherapy, discovery of type of relapsing infection which in some respects resembles drug resistance but is apparently due to another cause since infections were always completely susceptible to chemotherapy administered at early stage of infection

Ethidium
Macadam, R. F.; and Williamson, J., 1974, Ann. Trop. Med. and Parasitol., v. 68 (3), 291-299
Trypanosoma rhodesiense, acriflavine, ethidium, antrycide, drug effects on fine structure

Ethidium bromide
Makrinos, M. G.; et al., 1974, J. Protozool., v. 21 (3), 445 [Abstract]
Leptomonas strains resistant to Berenil or to ethidium bromide, cytology, staining reactions, no apparent inhibition of kinetoplast DNA but nuclear DNA distinctly reduced in drug-adapted organisms

Ethidium bromide
Manaia, A. da C.; and Roitman, I., 1971, Rev. Microbiol., S. Paulo, v. 2 (4), 177-179
Crithidia fasciculata, inhibition of growth by ethidium bromide; more effective at 32°C than 28°C; adenine neutralized the action of ethidium

Ethidium bromide
Manaia, A. da C.; and Roitman, I., 1977, J. Protozool., v. 24 (1), 192-195
Crithidia fasciculata grown in presence of ethidium bromide, dyskinetoplasty and growth inhibition, changes in oxidative metabolism and enzyme profiles

Ethidium bromide
Morales, N. M.; et al., 1972, J. Protozool., v. 19 (4), 667-672
Leishmania tropica, effects of ethidium bromide and several acridine dyes on kinetoplast DNA

Ethidium (Homidium bromide)
Mwambu, P. M., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (2), 286-287 [Abstract]
Trypanosom[a] rhodesiense, importance of cattle as natural reservoir hosts; T. brucei subgroup isolated from cattle, resistance to Ethidium, sensitivity to Berenil: Tanzania; Uganda

Ethidium (Homidium bromide)
Mwambu, P. M.; and Mayende, J. S. P., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (2), 276-277 [Abstract]
Trypanosoma brucei subgroup isolates from cattle, game animals and tsetse-flies, resistance to ethidium

Homidium -- Continued.

Ethidium bromide
Rane, L.; Rane, D. S.; and Kinnamon, K. E., 1976, Am. J. Trop. Med. and Hyg., v. 25 (3), 395-400
Trypanosoma rhodesiense, test system to evaluate large numbers of candidate drugs based on mortality of mice with blood-induced infections, serves as primary screen or as secondary and confirmatory test for active compounds

Ethidium
Sherman, I. W., 1976, Comp. Biochem. and Physiol., v. 53 (4B), 447-450
Plasmodium knowlesi ribosomes, development of highly active cell-free protein synthesizing system, use in assaying antimalarials

Ethidium
Sherman, I. W.; and Jones, L. A., 1976, J. Protozool., v. 23 (2), 277-281
Plasmodium lophurae, reliable procedure for isolation of active ribosomes, optimal requirements for in vitro synthesis of proteins, effects of variety of drugs on duck reticulocyte and plasmodial ribosomes in cell-free protein-synthesizing systems (restricted selectivity not obtained)

Ethidium bromide
Ucros, H.; Leon, W.; and Krassner, S. M., 1977, Exper. Parasitol., v. 41 (2), 410-414
Trypanosoma cruzi, Y and Costa Rica strains compared, effect of ethidium bromide on growth, dyskinetoplasty, and respiration

Homidium
Walker, P. J.; and Opiyo, E. A., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (2), 281-282 [Abstract]
Trypanosom[a] brucei, T. rhodesiense, mice, effect of parasite burden on curative dose of trypanocides, possible source of variation in results of in vivo drug tests

Ethidium bromide
Warhurst, D. C.; Homewood, C. A.; and Baggaley, V. C., 1974, Ann. Trop. Med. and Parasitol., v. 68 (3), 265-281
Plasmodium berghei, erythrocytic forms in vitro, technique for study of autophagic vacuole formation (pigment clumping), effect of chloroquine alone or with various cytotoxic drugs

Ethidium
Williamson, J.; and Scott-Finnigan, T. J., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (1), 1-2 [Demonstration]
Trypanosoma congolense, in vitro testing of antiviral and antitumor compounds with possible trypanicidal effects, probable RNA inhibition

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Homidium bromide. See Homidium.

Humatin. See Paromomycin.

Hycanthone -- Etrenol; Hycanthone mesylate; Hycanthone methanesulfonate; Hycanthone methanesulphonate.

Hycanthone mesylate (Etrenol)
Bell, R. M. S.; et al., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (5), 694-701
schistosomiasis, school children, impaired intellectual ability in infected children, treatment with intramuscular hycanthone mesylate produced significant improvement: Rhodesia

Hycanthone
Campos, R.; et al., 1976, Tr. Roy. Soc. Trop. Med. and Hyg., v. 70 (3), 261-262
Schistosoma mansoni, human strain, resistance to hycanthone

Hycanthone methanesulfonate (Etrenol)
Clive, D.; Flamm, W. G.; and Machesko, M. R., 1972, Mutation Research, v. 14 (2), 262-264
hycanthone used to treat human Schistosoma haematobium and S. mansoni, mutagenicity in mammalian cells

Hycanthone
Coles, G. C., 1975, J. Helminth., v. 49 (3), 205-209
Schistosoma mansoni schistosomula, 3-week-old, and adult worms, activity of 6 clinical and 6 experimental schistosomicides in vitro, concluded that meaningful screening for potential schistosomicides cannot at present be carried out in vitro

Hycanthone
Cook, J. A.; et al., 1977, Ann. Trop. Med. and Parasitol., v. 71 (2), 197-203
Schistosoma mansoni, controlled trials to assess therapeutic value of hycanthone and possible toxic effects: St. Lucia

Hycanthone methanesulfonate
Cook, J. A.; and Jordan, P., 1974, Egypt. J. Bilharz., v. 1 (2), 197-202
schistosomiasis mansoni, 6-month follow-up of patients living in endemic area who had been treated with a single dose of hycanthone, results show transient gastrointestinal toxic effects, reduced fecal egg excretion, and low re-infection rates: St. Lucia, West Indies

Hycanthone
Cook, J. A.; and Jordan, P., 1976, Ann. Trop. Med. and Parasitol., v. 70 (1), 109-111
Schistosoma mansoni, hycanthone treatment, absence of liver toxicity in 2723 patients: St. Lucia

Hycanthone
Cook, J. A.; Jordan, P.; and Armitage, P., 1976, Am. J. Trop. Med. and Hyg., v. 25 (4), 602-607
clinical trials using hycanthone to treat Schistosoma mansoni-infected patients, standard and 4 lower dosages used in attempt to establish acceptable levels without toxic reactions, differences in cure rate by age groups: St. Lucia, West Indies

Hycanthone -- Continued.

Hycanthone
Cook, J. A.; Jordan, P.; and Bartholomew, R. K., 1977, Am. J. Trop. Med. and Hyg., v. 26 (5, part 1), 887-893
Schistosoma mansoni, humans, control of schistosomiasis transmission by mass therapy with hycanthone, 2-year study shows chemotherapy to be rapid, effective and comparatively inexpensive method of control: St. Lucia

Hycanthone methanesulphonate
El-Sokkary, M. B., 1975, Egypt. J. Bilharz., v. 2 (2), 277-284
investigation of possible toxic effects of hycanthone on contractility and rhythm of frog's heart and site of drug action in attempt to reduce drug toxicity

Hycanthone methanesulphonate
El-Sokkary, M. B., 1975, Egypt. J. Bilharz., v. 2 (2), 285-293
possible use of soluble sodium salt of prednisolone to reduce depressant effects of hycanthone on heart muscle, laboratory studies with frog heart muscle

Hycanthone
El-Sokkary, M. B., 1976, Egypt. J. Bilharz., v. 3 (1), 89-99
dyphylline to reduce depressant effects of hycanthone used to treat intestinal and urinary schistosomiasis, laboratory trials with frog heart

Hycanthone
El-Sokkary, M. B., 1976, Egypt. J. Bilharz., v. 3 (1), 101-105
histological study of the effects of hycanthone on the frog's ventricle in the presence of a soluble sodium salt of prednisolone hemisuccinate

Hycanthone
Fagundes Neto, U.; et al., 1976, Pediat. Prat., S. Paulo, v. 47 (9-10), 9-12
Schistosoma mansoni, hepato-splenic and hepato-intestinal schistosomiasis in children treated with hycanthone, no toxic effects noted in hepatic studies carried out before and after therapy

Hycanthone
Fagundes Neto, U.; and Wehba, J., 1976, Pediat. Prat., S. Paulo, v. 47 (3-4), 27-32
[Schistosoma] mansoni in children, studies of hepatic clearance of bromosulfathalene before and after treatment with hycanthone

Hycanthone (Etrenol)
Farah, A.; et al., 1974, Egypt. J. Bilharz., v. 1 (2), 181-195
hycanthone used to treat human schistosomiasis, study of pharmacodynamics of drug using experimental animals, few toxic effects except in cats

Hycanthone methanesulphonate (Etrenol)
Farid, Z.; et al., 1973, Ann. Trop. Med. and Parasitol., v. 67 (2), 233-236
Schistosoma mansoni, S. haematobium, Egyptian farmers, hycanthone, reduced egg output but poor cure rate, severe vomiting and liver damage

Hycanthone -- Continued.

Hycanthone (Etrenol)
Foster, R.; and Cheetham, B. L., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (5), 674-684
Schistosoma spp., oxamniquine, activity in rodents and in vitro, comparison with some other schistosomicides, toxicity studies

Hycanthone
Gawish, N., 1976, Egypt. J. Bilharz., v. 3 (1), 107-113
human schistosomiasis, hycanthone trials to ascertain optimum dosage schedules

Hycanthone methanesulfonate
Green, S.; Sauro, F. M.; and Legator, M. S., 1973, Mutation Research, v. 17 (2), 239-244
hycanthone used to treat human Schistosoma mansoni, administration to rats produced chromosomal abnormalities in bone marrow cells

Hycanthone
Haese, W. H.; and Bueding, E., 1976, J. Pharmacol. and Exper. Therap., v. 197 (3), 703-713
Schistosoma mansoni, mice, hycanthone treatment induces hepatocellular carcinomas, micronodular hepatocellular whirling lesions with increased basophilia, precancerous nodules, no such changes induced by IA-4 or oxamniquine

Hycanthone
Hillman, G. R.; Gibler, W. B.; and Anderson, J. B., 1977, Am. J. Trop. Med. and Hyg., v. 26 (2), 238-242
Schistosoma mansoni and S. japonicum in culture, comparative drug effects of hycanthone, scanning electron microscopy demonstrated degeneration of tegument of S. mansoni but not S. japonicum

Hycanthone
Homewood, C. A.; et al., 1977, Tr. Roy. Soc. Trop. Med. and Hyg., v. 71 (2), 114 [Demonstration]
Schistosoma mansoni, hycanthone reduction of adenosine incorporation and activity of parasite

Hycanthone
Jansma, W. B.; et al., 1977, Am. J. Trop. Med. and Hyg., v. 26 (5, part 1), 926-936
Schistosoma mansoni, genetically transferred resistance to hycanthone produced under 3 different types of conditions

Hycanthone mesylate (Hycanthone methanesulphonate)
Jewsbury, J. M., 1973, Ann. Trop. Med. and Parasitol., v. 67 (4), 431-438
Schistosoma mansoni, mice, hamsters, chemoprophylactic activities of lucanthone, hycanthone, niridazole, and oxamniquine compared

Hycanthone -- Continued.

Hycanthone
Jewsbury, J. M.; Homewood, C. A.; and Gibson, J., 1974, Ann. Trop. Med. and Parasitol., v. 68 (3), 365-366
Schistosoma mansoni, mice, worm distribution following treatment with hycanthone or oxamniquine, no evidence of liver shift of any magnitude until approx. 3 days after treatment

Hycanthone
Jordan, P., 1977, Am. J. Trop. Med. and Hyg., v. 26 (5, part 1), 877-886
Schistosoma mansoni, humans, comparative evaluation of snail control, chemotherapy, and provision of water supplies as methods for mass control of schistosomiasis; cost, advantages and disadvantages studied: St. Lucia

Etrenol (Hycanthone)
Junod, C., 1972, Medecine et Malad. Infect., v. 2 (2), 55-60
Schistosoma mansoni, predominant intestinal parasite of natives of Antilles now residing in France, statistics of infection, means of detection, approved treatment with ambilhar and etrenol

Hycanthone methanesulfonate
Laemmler, G.; and Gruener, D., 1976, Berl. u. Munchen. Tierarztl. Wchnschr., v. 89 (11), 222-225; (12), 229-233
Capillaria hepatica in Mastomys natalensis, comparative activity of 24 anthelmintics, possible model screening system

Hycanthone (Etrenol)
Lapierre, J.; et al., 1973, Nouv. Presse Med., v. 2 (14), 901-905
human Schistosoma haematobium and S. mansoni, clinical trials with hycanthone: France

Hycanthone
Leonard, A.; and Leonard, E. D., 1976, Compt. Rend. Soc. Biol., Paris, v. 170 (4), 916-918
hycanthone, antischistosomal drug, treatment does not produce transmissible chromosome anomalies in male mammalian germ cells of mice

Hycanthone
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

Hycanthone
Moore, G. A., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (1), 14 [Demonstration]
attempted detection of drugs by fluorescence

Hycanthone -- Continued.

Hycanthone
Moore, G. A., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (1), 14 [Demonstration]
possible detection of movement of hycanthone in Schistosoma mansoni using X-ray microanalysis

Hycanthone
Moore, G. A., 1977, Tr. Roy. Soc. Trop. Med. and Hyg., v. 71 (2), 114 [Demonstration]
Schistosoma mansoni, changes in autoradiography both in vivo and in vitro after treatment with hycanthone

Hycanthone
Moore, G. A., 1977, Tr. Roy. Soc. Trop. Med. and Hyg., v. 71 (2), 115 [Demonstration]
Schistosoma mansoni, morphological changes in tegument after treatment with hycanthone

Hycanthone
Neame, K. D.; et al., 1977, Tr. Roy. Soc. Trop. Med. and Hyg., v. 71 (4), 287 [Demonstration]
Schistosoma mansoni, differences in schistosomicidal action of oxamniquine and hycanthone

Hycanthone methanesulfonate
Ongom, V. L., 1974, Egypt. J. Bilharz., v. 1 (2), 209-213
human schistosomiasis mansoni, successful clinical trials with hycanthone in highly endemic area, suggestions for future drug use: Uganda

Hycanthone
Rees, P. H.; et al., 1974, Egypt. J. Bilharz., v. 1 (2), 203-207
human schistosomiasis mansoni, double blind controlled treatment trials with hycanthone given as divided intramuscular dose, results good and with less drug side effects: Machakos, Kenya

Hycanthone methanesulfonate
Schuster, J.; et al., 1973, Ztschr. Tropenmed. u. Parasitol., v. 24 (4), 487-499
Schistosoma mansoni-infected Mastomys natalensis under treatment with hycanthone, pathophysiological and toxicological aspects of infection, serum enzyme activity, hepatotoxic effect of drug at higher dosages

Hycanthone
Senft, A. W.; et al., 1976, Am. J. Trop. Med. and Hyg., v. 25 (6), 832-840
Schistosoma mansoni, mice, hycanthone treatment, intrinsic content of serotonin and uptake of serotonin by drug-exposed worms, results suggest mode of action of hycanthone is not due to increased serotonin uptake; morphological changes in hycanthone-treated worms

Hycanthone
Shahin, M. M.; and Kilbey, B. J., 1974, Mutation Research, v. 26 (3), 193-198
human schistosomiasis, genetic activity of anti-schistosomal agent SQ 18506 and comparison with activity of hycanthone, laboratory trials with yeast cells

Hycanthone -- Continued.

Hycanthone (Etrenol)
Soares, D.; et al., 1972, Pediat. Prat., S. Paulo, v. 43 (8-10), 305-312
schistosomiasis in children, clinical trials with hycanthone and collateral studies for possible toxicity, hycanthone drug of choice

Hycanthone (Etrenol)
Stolte, J. B. M., 1976, Nederl. Tijdschr. Geneesk., v. 120 (18), 795-796
Schistosoma haematobium in children, report of 3 deaths resulting from treatment with hycanthone: Zululand, South Africa

Hycanthone
Tomosky-Sykes, T. K.; and Bueding, E., 1977, J. Parasitol., v. 63 (2), 259-266
Schistosoma mansoni, hycanthone effects on muscular activity and neurotransmitter systems cannot be related to mode of antischistosomal action of this drug, effects occur after hepatic shift, are not demonstrable with antischistosomal analogs of hycanthone, and are also elicited in hycanthone-resistant worms; histochemical observations with dansylated compounds

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Hycanthone mesylate. See Hycanthone.

Hycanthone methanesulfonate. See Hycanthone.

Hycanthone methanesulphonate. See Hycanthone.

Hydrazine sulphate
Singh, K.; and Dutta, G. P., 1976, Indian J. Med. Research, v. 64 (8), 1185-1191
action of metabolic inhibitors on Entamoeba histolytica in axenic culture

Hydrocortisone + Pentamidine isethionate
Seed, J. R.; and Varney, J. R., 1976, Exper. Parasitol., v. 40 (2), 238-249
Trypanosoma brucei gambiense-infected rabbits, changes in diurnal rhythm of body temperature, preliminary results on diurnal rhythms of water consumption, fecal and urine output, return of normal temperature curve following chemotherapy (hydrocortisone + pentamidine isethionate)

Hydroprene -- Altozar; Ethyl (E,E)-3,7,11-trimethyl-2,4-dodecadienoate; Ethyl (2E,4E)-3,7,11-trimethyl-2,4-dodecadienoate.

Hydroprene
Chamberlain, W. F.; and Becker, J. D., 1977, Southwest. Entom., v. 2 (4), 179-182
Xenopsylla cheopis, inhibition of cocoon formation and adult emergence by insect growth regulators, possible means of control

Hydroprene
Chamberlain, W. F.; Hopkins, D. E.; and Gingrich, A. R., 1976, Southwest. Entom., v. 1 (1), 1-8
Bovicola limbatus, Angora goats, growth regulators, spray vs. pour on

Hydroprene -- Continued.

Altozar
Mansingh, A.; and Rawlins, S. C., 1977, Naturwissensch., v. 64 (1), 41
Boophilus microplus, antigonadotropic action of insect hormone analogues, inhibition of oviposition, mortality

Hydroprene
Takahashi, M.; and Ohtaki, T., 1975, Eisei Dobutsu (Japan. J. San. Zool.), v. 26 (4), 237-239
Pediculus humanus corporis, Cimex lectularius, ovicidal effects of methoprene and hydroprene, juvenile hormone analogs; methoprene less effective on P. humanus corporis, more effective on C. lectularius

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Hydroquinine -- Dihydroquinine sulphate; Dihydroquinine H_2SO_4.

Dihydroquinine sulphate
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

Dihydroquinine H_2SO_4
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

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4-Hydroxyaminoquinoline 1-oxide (HAQO)
Leon, W.; and Krassner, S. M., 1976, J. Parasitol., v. 62 (1), 115
Leishmania tarentolae, promastigotes, inhibition of cell growth by 2 carcinogenic nitroquinoline derivatives

Hydroxybutylemetine
Entner, N.; and Grollman, A. P., 1973, J. Protozool., v. 20 (1), 160-163
Entamoeba histolytica, effect of amebicidal agents on protein synthesis, correlation of drug structural characteristics with biologic activity, implications for designing drugs with increased margin of selective toxicity for parasite vs. host

8-[6-N'-(3-Hydroxybutyl)] piperazinohexylamino-6-methoxyquinoline. See Moxipraquine.

1-(2-Hydroxy-3-chloropropyl)-2-methyl-5-nitroimidazole. See Ornidazole.

(Hydroxy-2 chloro-3 propyl)-1 methyl-2 nitro-5 imidazole. See Ornidazole.

Hydroxychloroquine
Palmer, R. M. J.; and Weatherall, M., 1977, Brit. J. Pharmacol., v. 59 (3), 472P
anti-malarial drugs, migration of horse leucocytes in vitro, inhibition of migration is specific to neither anti-malarial activity nor chemical structure

2-Hydroxy-3-(4-trans-cyclohexylcyclohexyl)-1,4-naphthoquinone
Wang, C. C., 1976, Biochem. Pharmacol., v. 25 (3), 343-349
Eimeria tenella, relationship of respiration to sporulation and excystation, inhibition of respiration during sporulation and excystation by quinolone coccidiostats, amquinate-resistant strain much less subject to inhibition by quinolones, 2-hydroxynaphthoquinone coccidiostats are equally effective inhibitors against wild type and amquinate-resistant mutant

2-Hydroxy-3-(8-cyclohexyloctyl)-1,4-naphthoquinone. See Menoctone.

2-Hydroxy-4,6-dimethyl-pyrimidine and 4,4'-Dinitrocarbanilide. See Nicarbazin.

9-Hydroxy ellipticine
Benard, J.; and Riou, G., 1977, Biochem. and Biophys. Research Commun., v. 77 (4), 1189-1195
Trypanosoma cruzi, 9-hydroxy ellipticine and ethidium bromide inhibit the transcription of kinetoplast DNA by E. coli RNA polymerase

1-(2-Hydroxyethyl)-2-(p-fluorophenyl)-5-nitroimidazole. See Flunidazole.

Hydroxy-2 ethyl-1-methyl-2 nitro-5 imidazole. See Metronidazole.

1-(2-Hydroxyethyl)-2-methyl-5-nitroimidazole. See Metronidazole.

1-beta-Hydroxyethyl-2-methyl-5-nitroimidazole. See Metronidazole.

3-Hydroxy-2-mesitylindone with Pivalic acid ester (Union Carbide UC-41305)
Drummond, R. O.; et al., 1976, J. Econom. Entom., v. 69 (1), 37-40
Boophilus annulatus, B. microplus, acaricides, laboratory tests, spray and dip tests with cattle

6-Hydroxy-4-methoxy-5-(p-methoxy-cinnamoyl)-benzofuran
Ismail, E.; Tawfik, A. A.; and El-Ebrashi, N. M. A., 1977, Arzneimittel-Forsch., v. 27 (7), 1393-1394
6-hydroxy-4-methoxy-5-(p-methoxy-cinnamoyl)-benzofuran, in vitro broad spectrum anthelmintic activity against livestock helminths, promising results indicate need for future research

3-Hydroxymethyl-4-hydroxyethyl-5-vinyl-pyridine
Natarajan, P. N.; Wan, A. S.; and Zaman, V., 1974, Planta Med., v. 25 (3), 258-260
Plasmodium berghei in mice, Entamoeba invadens in monophasic medium, poor results in laboratory trials with gentianine and 3-hydroxymethyl-4-hydroxyethyl-5-vinyl-pyridine

6-Hydroxymethyl-2-isopropylaminomethyl-7-nitro-1,2,3,4-tetrahydroquinoline. See Oxamniquine.

6-Hydroxymethyl-7-nitro-2-isopropylaminomethyl-1,2,3,4-tetrahydroquinoline. See Oxamniquine.

N-Hydroxynaphthalimide diethyl phosphate. See Phthalophos.

2 Hydroxy-3-(4-phenoxyphenyl)-propyl-1,4-naphthoquinone
Wang, C. C., 1976, Biochem. Pharmacol., v. 25 (3), 343-349
Eimeria tenella, relationship of respiration to sporulation and excystation, inhibition of respiration during sporulation and excystation by quinolone coccidiostats, amquinate-resistant strain much less subject to inhibition by quinolones, 2-hydroxynaphthoquinone coccidiostats are equally effective inhibitors against wild type and amquinate-resistant mutant

2-[2-(4-Hydroxyphenyl)-6-benzimidazolyl]-6-(1-methyl-4-piperazyl) benzimidazole -- Compound "E" (with (Diamino-4,6-triazinyl-1,3,5-amino-2)-4-phenyl-arsino di (D-thio-3-amino-2-methyl-3-butyric acid)); E [i.e., Compound E] (with (Diamino-4,6-triazinyl-1,3,5-amino-2)-4-phenyl-arsino di (D-thio-3-amino-2-methyl-3-butyric acid)); F 175 (with (Diamino-4,6-triazinyl-1,3,5-amino-2)-4-phenyl-arsino di (D-thio-3-amino-2-methyl-3-butyric acid)); HOE 33258; HOE 33258d; HOE 258 V; 2-[2-(4-Hydroxyphenyl)-6-benzimidazolyl]-6-(1-methyl-4-piperazyl) benzimidazole diphosphate; 2-[2-(4-Hydroxyphenyl)-6-benzimidazolyl]-6-(1-methyl-4-piperazyl) benzimidazole trihydrochloride; V5851 (with (Diamino-4,6-triazinyl-1,3,5-amino-2)-4-phenyl-arsino di (D-thio-3-amino-2-methyl-3-butyric acid)).

2-[2-(4-Hydroxyphenyl)-6-benzimidazolyl]-6-(1-methyl-4-piperazyl) benzimidazole (HOE 33258)
Denham, D. A.; et al., 1976, J. Helminth., v. 50 (4), 243-250
Brugia pahangi, in vivo (Felis catus, Meriones unguiculatus), in vitro, filaricidal effect of compounds F151, HOE 33258, and their reaction product or mixture V5851 = E

2-[2-(4-Hydroxyphenyl)-6-benzimidazolyl]-6-(1-methyl-4-piperazyl) benzimidazole + (Diamino-4,6-triazinyl-1.3.5 amino-2)-4 phenyl-arsino di (D-thio-3 amino-2 methyl-3 butyric acid) (=V5851; E)
Denham, D. A.; et al., 1976, J. Helminth., v. 50 (4), 243-250
Brugia pahangi, in vivo (Felis catus, Meriones unguiculatus), in vitro, filaricidal effect of compounds F151, HOE 33258, and their reaction product or mixture V5851 = E

Compound "E"
Denham, D. A.; and Mellor, P., 1976, J. Helminth., v. 50 (1), 49-52
Onchocerca gutturosa, cattle, anthelmintic effects of compound "E", possible tertiary screening system for drug action against O. volvulus in man

2-[2-(4-Hydroxyphenyl)-6-benzimidazolyl]-6-(1-methyl-4-piperazyl) benzimidazole -- Continued.

2-(2-[4 Hydroxyphenyl]-6-benzimidazolyl)-6-(1-methyl-4-piperazyl)-benzimidazol diphosphat (HOE 33258d)
Laemmler, G.; and Gruener, D., 1976, Berl. u. Munchen. Tierarztl. Wchnschr., v. 89 (11), 222-225; (12), 229-233
Capillaria hepatica in Mastomys natalensis, comparative activity of 24 anthelmintics, possible model screening system

2-2-(4-Hydroxyphenyl)-6-benzimidazolyl-6-(1-methyl-4-piperazyl)-benzimidazole trihydrochloride (HOE 258 V)
Laemmler, G.; Gruener, D.; and Zahner, H., 1975, Tropenmed. u. Parasitol., v. 26 (1), 98-110
Litomosoides carinii in Mastomys natalensis (exper.), peripheral blood composition before and after therapy with diethylcarbamazine or suramin (or combination) or HOE 258 V, effects of therapy on pathologic changes

2-[2-(4-Hydroxyphenyl)-6-benzimidazolyl]-6-(1-methyl-4-piperazyl)-benzimidazole diphosphate (HOE 33258d)
Laemmler, G.; and Wolf, E., 1977, Tropenmed. u. Parasitol., v. 28 (2), 205-225
Litomosoides carinii in Mastomys natalensis (exper.), 17 anthelmintics and chemotherapeutics comparatively tested for their chemoprophylactic activity against various larval stages of the parasites

F 175
Laemmler, G.; and Wolf, E., 1977, Tropenmed. u. Parasitol., v. 28 (2), 205-225
Litomosoides carinii in Mastomys natalensis (exper.), 17 anthelmintics and chemotherapeutics comparatively tested for their chemoprophylactic activity against various larval stages of the parasites

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2-[2-(4-Hydroxyphenyl)-6-benzimidazolyl]-6-(1-methyl-4-piperazyl) benzimidazole diphosphate. See 2-[2-(4-Hydroxyphenyl)-6-benzimidazolyl]-6-(1-methyl-4-piperazyl) benzimidazole.

2-[2-(4-Hydroxyphenyl)-6-benzimidazolyl]-6-(1-methyl-4-piperazyl) benzimidazole trihydrochloride. See 2-[2-(4-Hydroxyphenyl)-6-benzimidazolyl]-6-(1-methyl-4-piperazyl) benzimidazole.

(Hydroxy-2-propyl)-1-methyl-2 nitro-5 imidazole. See Secnidazole.

4-Hydroxy-pyrazolo-(3,4-d) pyrimidine. See Allopurinol.

4-Hydroxyquinoline
Mitrovic, M.; and Schildknecht, E. G., 1975, Poultry Science, v. 54 (3), 750-756
Eimeria tenella, chicks, efficacy of lasalocid against sulfaquinoxaline, nicarbazin, zoalene, amprolium, clopidol and 4-hydroxyquinoline resistant E. tenella strains; no resistance to lasalocid induced

8-Hydroxyquinoline -- Chinosol; 8-OH-Quinoline.

Chinosol
Frank, C., 1976, Ang. Parasitol., v. 17 (2), 99-100
Syngamus trachea, treatment with Chinosol, mortality in young storks: Burgenland

8-OH-Quinoline
Singh, K.; and Dutta, G. P., 1976, Indian J. Med. Research, v. 64 (8), 1185-1191
action of metabolic inhibitors on Entamoeba histolytica in axenic culture

8-Hydroxyquinoline
Williamson, J.; and Scott-Finnigan, T. J., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (1), 1-2 [Demonstration]
Trypanosoma congolense, in vitro testing of antiviral and antitumor compounds with possible trypanicidal effects, probable RNA inhibition

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Hydroxystilbamidine -- Hydroxystilbamidine diisethionate; Hydroxystilbamidine isethionate; 2-Hydroxy-4,4'-stilbenedicarboxyamidine di-(beta-hydroxyethanesulfonate.

Hydroxystilbamidine diisethionate
Bacchi, C. J.; et al., 1975, Antimicrob. Agents and Chemotherapy, v. 8 (6), 688-692
Leptomonas of insect origin, cross-resistance patterns of clones to a variety of medical and veterinary trypanocides and leishmanicides, potential as a model screening system

Hydroxystilbamidine
Damper, D.; and Patton, C. L., 1976, Biochem. Pharmacol., v. 25 (3), 271-276
Trypanosoma brucei, pentamidine transport, kinetics, specificity (competitive inhibition by other trypanocidal aromatic diamidines), structural specificity in relationship to varying drug affinities for transport site and possible role in drug cross-resistance

Hydroxystilbamidine
Das, B. P.; and Boykin, D. W., 1977, J. Med. Chem., v. 20 (9), 1219-1221
2,5-bis(4-guanylphenyl)thiophenes and -pyrroles, significant antiprotozoal activity against Trypanosoma rhodesiense but little activity against Plasmodium berghei in mice (exper.), laboratory synthesis and comparison trials with stilbamidine, hydroxystilbamidine and pentamidine

Hydroxystilbamidine
Fairlamb, A. H.; and Bowman, I. B. R., 1977, Exper. Parasitol., v. 43 (2), 353-361
Trypanosoma brucei, effect of suramin and other trypanocidal compounds on sn-glycerol-3-phosphate oxidase, results suggest this enzyme is one of principal sites of action of suramin in vivo

Hydroxystilbamidine -- Continued.

Hydroxystilbamidine
Hanson, W. L.; Chapman, W. L., jr.; and Kinnamon, K. E., 1977, Internat. J. Parasitol., v. 7 (6), 443-447
Leishmania donovani in Mesocricetus auratus model, existing procedure modified to make possible screening of 10-15 selected compounds per week for antileishmanial activity, glucantime used as reference compound

Hydroxystilbamidine
Moore, D. L.; et al., 1969, Mayo Clin. Proc., v. 44 (3), 162-168
Pneumocystis carinii, interstitial pneumonia in children with acute leukemia,case reports, pentamidine and hydroxystilbamidine

Hydroxystilbamidine isethionate
Nagington, J.; and Richards, J. E., 1976, J. Clin. Path., v. 29 (7), 648-651
in vitro testing of 24 compounds (9 found promising) for possible cysticidal activity against Acanthamoeba polyphaga and A. castellanii (2 strains), comparison with results with Naegleria gruberi

Hydroxystilbamidine
Ono, T.; and Inoki, S., 1975, Biken J., v. 18 (4), 257-265
Trypanosoma gambiense, mice, hydroxystilbamadine treatment, inhibition of kinetoplastic duplication without influence on nuclear or cytoplasmic duplication; disorganization and disappearance of kinetonucleus and its enveloping membrane shown by electron microscopy; failure to establish akinetoplastic clone probably due to inability of these forms to multiply

Hydroxystilbamidine
Rane, L.; Rane, D. S.; and Kinnamon, K. E., 1976, Am. J. Trop. Med. and Hyg., v. 25 (3), 395-400
Trypanosoma rhodesiense, test system to evaluate large numbers of candidate drugs based on mortality of mice with blood-induced infections, serves as primary screen or as secondary and confirmatory test for active compounds

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Hydroxystilbamidine diisethionate. See Hydroxystilbamidine.

Hydroxystilbamidine isethionate. See Hydroxystilbamidine.

2-Hydroxy-4,4'-stilbenedicarboxyamidine di-(beta-hydroxyethanesulfonate. See Hydroxystilbamidine.

Hygromix. See Hygromycin.

Hygromycin -- Hygromix; Hygromycin B.

Hygromycin B
Bonev, B.; et al., 1975, Vet. Sbirka, v. 73 (11), 14-15
pigs, [Ascaris suum], [Trichocephalus suis], [Oesophagostomum dentatum], hygromycin B in feed, completely controls ascariasis

Hygromycin B
Leland, S. E., jr., 1972, J. Am. Vet. Med. Ass., v. 160 (1), 58-60
Strongyloides ransomi, pigs (exper.), hygromycin B, no protection against death or debilitating effects, no activity against migrating larvae or egg-laying process, adult worm burden reduced

Hygromix
Trifonov, T.; and Velkov, D., 1975, Vet. Sbirka, v. 73 (11), 16-17
ascariasis, trichuriasis, oesophagostomiasis, pigs, dehelminthization with suiverm or hygromix in feed, economically effective

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Hygromycin B. See Hygromycin.

Hypocid. See Trichlorfon.

Hypodermin-chlorophos. See Trichlorfon.

Hypoxanthine
Irvin, A. D.; and Young, E. R., 1977, Nature, London (5627), v. 269, 407-409
Babesia spp., in vitro test for screening drug activity which exploits finding that Babesia parasites readily incorporate hypoxanthine in an in vitro culture system, may also be used to detect drug resistance patterns and have possible application in primary screening of antimalarial drugs

Ichthammol -- Ichthyol.

Ichthyol
Tan-Lim, K. N.; and Pluis, A. H., 1972, Nederl. Tijdschr. Geneesk., v. 116 (24), 1013-1016
Tunga penetrans in humans, case reports and clinical management, prophylaxis, local application of nebacetin or ichthyol: Netherlands (infections contracted in Cameroon and Surinam)

Ichthyol. See Ichthammol.

ICI 56,780
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

ICI 56,780
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

ICI Liver Fluke Remedy. See Oxyclozanide.

Imidan. See Phosmet.

Imidazo[4,5-f]quinolines, 9-(substituted amino)
Spencer, C. F.; et al., 1977, J. Med. Chem., v. 20 (6), 829-833
Hymenolepis nana in mouse model, laboratory testing of 9-(substituted amino)imidazo [4,5-f]quinolines for potential cestocidal activity

Imidocarb -- 4A65; 4A65 dihydrochloride; 3,3'-Bis-(2-imidazolin-2-yl)-carbanilide; 3,3'-Bis-(2-imidazolin-2-yl) carbanilide dihydrochloride; 3,3'-Bis(2-imidazolin-2-yl)-carbanilide dipropionate; Imidocarb dihydrochloride; Imidocarb dipropionate; Imizol.

Imidocarb dipropionate
Aliu, Y. O.; et al., 1977, Am. J. Vet. Research, v. 38 (12), 2001-2007
imidocarb dipropionate, absorption, distribution, and excretion in sheep

Imizol
Brossard, M., 1976, Rev. Suisse Zool., v. 83 (2), 443-462
Babesia bovis, cattle, successful treatment by intramuscular injection

Imidocarb -- Continued.

Imidocarb
Callow, L. L.; et al., 1974, Austral. Vet. J., v. 50 (1), 6-11
Babesia argentina, appreciable degree of immunity retained by cattle after sterilization of infections of varying duration by imidocarb, indirect fluorescent antibody test; duration of prior exposure to the parasite influenced the degree of immunity to subsequent challenge with heterologous strains of B. argentina

Imidocarb
Callow, L. L.; et al., 1974, Austral. Vet. J., v. 50 (1), 12-15
Babesia bigemina, cattle self-cured, drug-cured with imidocarb or with persistent infections showed an appreciable or strong degree of immunity to challenge (the finding is contrary to the concept of premunition); indirect fluorescent antibody test (antibody titre did not reflect degree of resistance to challenge)

Imidocarb
Chiodini, P. L., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (1), 27-28 [Demonstration]
Babesia canis, in vitro culture; B. rodhaini and B. divergens in leucocyte-free dilution cultures, effect of imidocarb on leucine and adenosine incorporation, possible use of system for in vitro screening of potential babesicides and also for mode of action studies

Imidocarb diproprionate
Corrier, D. E.; and Adams, L. G., 1976, Am. J. Vet. Research, v. 37 (7), 811-816
goats, imidocarb diproprionate toxicosis, clinical, histologic, and histochemical study

Imidocarb (Imizol)
Dalgliesh, R. J.; and Stewart, N. P., 1977, Austral. Vet. J., v. 53 (4), 176-180
Babesia argentina, increased tolerance to imidocarb after repeated exposure, parasite virulence unaffected, exper.-infected non-splenectomized calves

Imidocarb dipropionate
Dwivedi, S. K.; Gautam, O. P.; and Banerjee, D. P., 1977, Indian Vet. J., v. 54 (9), 697-702
Babesia bigemina, splenectomized calves, imidocarb dipropionate, therapeutic and prophylactic trials, excellent results, development of acquired immunity following treatment

Imidocarb dipropionate (Imizol)
El Refaii, A. H.; and Michael, S. A., 1976, Brit. Vet. J., v. 132 (4), 363-368
Theileria annulata, clinical and subclinical infections in calves used for testing of rinderpest vaccine controlled by imidocarb dipropionate, enables vaccine testing to continue without complications previously attributable to T. annulata infection: Egypt

Imidocarb -- Continued.

Imidocarb dipropionate
Frerichs, W. M., 1977, Am. J. Vet. Research, v. 38 (1), 139-141
imidocarb dipropionate had no deleterious effect on spermatogenesis in pony stallions, hemicastration not a valid technique for assessing effect of drugs on spermatogenesis

Imidocarb dihydrochloride (4A65 dihydrochloride)
Gill, B. S.; and Khan, M. H., 1972, Indian J. Animal Sc., v. 42 (12), 1071-1073
Babesia bigemina and B. argentina strains injected intravenously into cow calves and buffalo calves, imidocarb dihydrochloride, therapeutic efficacy in calves after splenectomy, subinoculation test

Imidocarb (Imizol)
Goebel, E.; and Dennig, H. K., 1976, Ztschr. Parasitenk., v. 49 (2), 97-112
Babesia herpailuri from cats before and after treatment with Imidocarb, ultrastructure of intraerythrocytic trophozoites and merozoites; prophylactic effect of drug may be due to low feeding on hemoglobin

Imidocarb dihydrochloride
Hashemi-Fesharki, R., 1977, Brit. Vet. J., v. 133 (6), 609-614
Babesia ovis, splenectomized lambs, imidocarb dihydrochloride effective, quinuronium sulphate ineffective

Imidocarb
Irvin, A. D.; and Young, E. R., 1977, Nature, London (5627), v. 269, 407-409
Babesia spp., in vitro test for screening drug activity which exploits finding that Babesia parasites readily incorporate hypoxanthine in an in vitro culture system, may also be used to detect drug resistance patterns and have possible application in primary screening of antimalarial drugs

Imidocarb + Gloxazone
Kuttler, K. L.; and Craig, T. M., 1975, Am. J. Vet. Research, v. 36 (3), 323-325
splenectomized calves inoculated with pooled blood samples from eastern Texas cattle developed dual infections of Anaplasma marginale and a Theileria resembling Theileria mutans, treatment with gloxazone and imidocarb selectively eliminated Anaplasma, pure Theileria infections only mildly pathogenic

Imidocarb
Kuttler, K. L.; Graham, O. H.; and Trevino, J. L., 1975, Research Vet. Sc., v. 18 (2), 198-200
imidocarb treatment of calves at varying intervals before or after exposure to Babesia-infected Boophilus microplus, at certain times prevented development of clinical infection or rendered next generation of tick larvae incapable of transmitting Babesia infection

Imidocarb -- Continued.

Imidocarb (4A65)
Kuttler, K. L.; and Todorovic, R. A., 1973, Proc. 6. National Anaplasmosis Conf. (Las Vegas, Nevada, March 19-20, 1973), 106-112
Anaplasma marginale, cattle, premunization, Gloxazone and Imidocarb superior to oxytetracycline in moderating premunizing infection, possible factors affecting success (age of host; virulence, size, and potency of premunizing inoculum; strain or size of challenge exposure; temperature and altitude)

Imidocarb
McHardy, N.; Haigh, A. J. B.; and Dolan, T. T., 1976, Nature, London (5562), v. 261, 698-699
Theileria parva, drug screening in vitro, only Menoctone showed appreciable activity, subsequent tests in cattle artificially infected with ECF confirmed activity of Menoctone against the disease, mode of action not clear but seems to act against schizont or earlier stages and probably along a widely occurring biochemical pathway

Imidocarb dihydrochloride
McHardy, N.; and Simpson, R. M., 1975, Trop. Animal Health and Prod., v. 7 (3), 139-148
Anaplasma marginale, non-splenectomized experimentally infected cattle, treated with single dose of imidocarb dihydrochloride followed by second dose at onset of relapse which delayed and reduced its severity (second dose administered before onset of relapse only delayed but did not reduce the severity of relapse), mechanism of relapse

Imidocarb
Roby, T. O., 1972, Research Vet. Sc., v. 13 (6), 519-522
Anaplasma marginale, splenectomized calves (exper.), increased survival after subcutaneous treatment with imidocarb, not effective orally

Imidocarb
Roby, T. O., 1973, Proc. 6. National Anaplasmosis Conf. (Las Vegas, Nevada, March 19-20, 1973), 100-103
Anaplasma marginale, cattle, pre-acute, acute, and carrier infections, treatment with imidocarb

Imidocarb dipropionate
Sharma, L. D.; et al., 1977, Indian Vet. J., v. 54 (12), 979-983
Theileria annulata, virulent strain, splenectomized calves (exper.), amodiaquine hydrochloride and imidocarb dipropionate reduced parasitema and mortality, and controlled pyrexia, dyspnea and tachycardia (criteria for drug success)

Imidocarb -- Continued.

Imidocarb dipropionate (Imizol)
Sharma, S. K.; Banerjee, D. P.; and Gautam, O. P., 1977, Ann. Recherches Vet., v. 8 (3), 307-313
Anaplasma marginale, cattle (exper.), dithiosemicarbazone (in combination with oxytetracycline), chloramphenicol and rolitetracycline very efficacious in bringing about clinical recovery and elimination of carrier status, imidocarb could not completely eliminate organisms, gentamicin sulphate ineffective

Imidocarb
Todorovic, R., 1976, Vet. Parasitol., v. 2 (1), 97-109
Babesia spp., cattle, review: serodiagnosis, immunization (sterile immunity; premunition), chemoprophylaxis with imidocarb, vectors: Colombia

Imidocarb
Todorovic, R. A.; and Tellez, C. H., 1975, Trop. Animal Health and Prod., v. 7 (3), 125-131
adult cattle (Bos taurus), premunition against Babesia bigemina and B. argentina using Imidocarb or Ganaseg to control post premunition reactions was effective and practical; premunition against Anaplasma marginale using oxytetracycline and Gloxazone was less effective and not practical

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Imidocarb dihydrochloride. See Imidocarb.

Imidocarb dipropionate. See Imidocarb.

2-Imino-3-[(N-arylcarbamoyl)methyl]-2,3,4,5-tetrahydrothiazoles
Farag, H. H.; Youssef, A. F.; and Omran, L. A., 1977, J. Pharm. Sc., v. 66 (3), 423-425
Hymenolepis diminuta, rats, 2-imino-3-[(N-arylcarbamoyl)methyl]-2,3,4,5-tetrahydrothiazoles, activity of some compounds, no clinical toxicity; role of nitro group in anthelmintic activity, possible in vivo drug bioactivation

Imizol. See Imidocarb.

Imuran. See Azathioprine.

Incidin-anticoc
El-Moukdad, A. R., 1976, Wien. Tierarztl. Monatsschr., v. 63 (12), 399-405
Eimeria necatrix, E. acervulina, E. tenella, chickens, effect of various disinfectants on oocyst development

Incidin-anticoc
El-Moukdad, A. R., 1977, Wien. Tierarztl. Monatsschr., v. 64 (3), 85-91
effect of disinfectants on nematode eggs and coccidia oocysts

Indazoles, 1- and 2-substituted
Kingsbury, W. D.; et al., 1976, J. Med. Chem., v. 19 (6), 839-840
laboratory trials comparing parbendazole, benzimidazole and 1- and 2-substituted indazoles, Trichinella spiralis-infected mice and nematode-infected sheep

Insect growth regulators -- Juvenile hormone; Juvenile hormone analogues; Juvenile hormone mimics.

Juvenile hormones and analogues
Boisvenue, R. J.; Emmick, T. L.; and Galloway, R. B., 1977, Exper. Parasitol., v. 42 (1), 67-72
Haemonchus contortus, some compounds with juvenile hormone activity inhibited in vitro development of infective larvae, none of these compounds had anthelmintic properties against Ascaris suum or Nematospiroides dubius in mice

Insect growth regulators
Chamberlain, W. F., 1975, J. Med. Entom., v. 12 (4), 395-400
insect growth regulators for control of insects of medical and veterinary importance, review

Insect growth regulators
Chamberlain, W. F.; and Becker, J. D., 1977, Southwest. Entom., v. 2 (4), 179-182
Xenopsylla cheopis, inhibition of cocoon formation and adult emergence by insect growth regulators, possible means of control

Juvenile hormone analogue, synthetic
Ioffe, I. D.; et al., 1977, Zhurnal Obsh. Biol., v. 38 (6), 885-892
Ixodes persulcatus; Dermacentor silvarum, effect of synthetic juvenile hormone analogue

Juvenile hormone analogues
Mansingh, A.; and Rawlins, S. C., 1977, Naturwissensch., v. 64 (1), 41
Boophilus microplus, antigonadotropic action of insect hormone analogues, inhibition of oviposition, mortality

Juvenile hormone mimics
Meleney, W. P.; and Roberts, I. H., 1975, J. Parasitol., v. 61 (5), 956-959
3 insect juvenile hormone mimics used as sprays for control of Haematopinus eurysternus on cattle resulted in significant reduction of lice and in concomitant severe skin lesions associated with death or incomplete development of Hypoderma sp., therefore unsafe for use on mature cattle harboring both grubs and lice

Juvenile hormones
Takahashi, M.; and Ohtaki, T., 1975, Eisei Dobutsu (Japan. J. San. Zool.), v. 26 (4), 237-239
Pediculus humanus corporis, Cimex lectularius, ovicidal effects of methoprene and hydroprene, juvenile hormone analogs; methoprene less effective on P. humanus corporis, more effective on C. lectularius

Insecticides
Akiyama, J., 1974, Tr. Roy. Soc. Trop. Med. and Hyg., v. 68 (1), 14-15 [Demonstration]
human malaria, studies of Anopheles vector mosquitoes to establish patterns of movement and behavior prior to DDT spraying to reduce malarial transmission

Insecticides
Guttowa, A., 1975, Kosmos, Warsaw, s. A., Biol. (134), v. 24 (3), 223-229
parasiticides and environmental contamination, review

Insecticides
Harinasuta, C.; and Sucharit, S., 1977, Southeast Asian J. Trop. Med. and Pub. Health, v. 8 (2), 179-184
malayan filariasis, decreased incidence of infection in humans and vector mosquitoes assumed to be due to interruption of transmission of filariasis cycle in the mosquitoes resulting from DDT spraying operations of the Malaria Eradication Programme in South Thailand

Insecticides
Kolacz, J., 1975, Med. Wet., v. 31 (11), 659-661
Hypoderma, cattle, determining best timing for prophylactic treatment with phosphororganic insecticides in relation to seasonal distribution of fly larvae

Insecticides
Molineaux, L.; et al., 1976, Bull. World Health Organ., v. 54 (4), 379-389
human malarial control, impact of propoxur residual spraying on Anopheles vectors, analysis of variations between sprayed villages and effects of pre-spraying variables: West African savannah

Insecticides
Omori, N.; et al., 1967, Nettai Igaku (Trop. Med.), v. 9 (2), 97-110
Wuchereria bancrofti, mosquito vector control, usefulness of larvicide compared with insecticide affecting adult mosquitoes

Insecticides
Payne, D.; et al., 1976, Bull. World Health Organ., v. 54 (4), 369-377
impact of control measures on malaria transmission and general mortality, extensive survey, results show relationship between efficacy of antivectorial measures (fenithrothion spraying) and decrease in general mortality and infant mortality in Kenya

Intestopan. See Brobenzoxaldine or Broxyquinoline.

Iodine -- Lugol.

Iodine
Crook, J. R.; Fulton, S. E.; and Supanwong, K., 1971, Tr. Roy. Soc. Trop. Med. and Hyg., v. 65 (5), 602-605
Angiostrongylus cantonensis, chlorine or iodine treatment of water used for culinary purposes did not completely attenuate larvae shed into the water by drowned Achatina fulica snail vectors, possible source of human infection: Thailand

Lugol
Vassiliades, G.; et al., 1975, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 28 (3), 315-317
Thelazia rhodesi, bovine, treatment with Morantel tartrate, levamisole, tetramisole and levamisole chlorhydrate, all effective; lugol, ineffective: Casamance (Senegal)

Iodoacetamide
Linstead, D. J.; Klein, R. A.; and Cross, G. A. M., 1977, J. Gen. Microbiol., v. 101 (2), 243-251
Trypanosoma brucei, T. brucei brucei, threonine catabolism, inhibition of threonine dehydrogenase by wide range of agents

Iodoacetate
Singh, K.; and Dutta, G. P., 1976, Indian J. Med. Research, v. 64 (8), 1185-1191
action of metabolic inhibitors on Entamoeba histolytica in axenic culture

Iodochlorhydroxyquin -- Dependal (with Furazolidone); Enteroseptol; Enterovioform.

Enteroseptol
Madatov, R. I.; and Mershchiev, V. M., 1973, Vestnik Sel'skokhoz. Nauki Kazakhstana (11), 75-78
nosematosis, bees, chemotherapy, sulfapyridazine + chlortetracyclin most effective

Enterovioform
Pandey, V. C.; Dutta, G. P.; and Rao, V. K. M., 1976, Indian J. Exper. Biol., v. 14 (2), 142-144
Entamoeba histolytica-infected rat caeca, significant increase in RNAse and DNAse activity, enzyme level reduced almost to normal values by treatment with emetine hydrochloride, enterovioform, or metronidazole

Iodochlorhydroxyquin
Sargeaunt, P. G.; and Lumsden, W. H. R., 1976, Tr. Roy. Soc. Trop. Med. and Hyg., v. 70 (1), 54-56
Entamoeba histolytica in vitro, action of furazolidone and iodochlorhydroxyquin alone and as combination drug (dependal)

Iodochlorhydroxyquin + Furazolidone (= Dependal)
Sargeaunt, P. G.; and Lumsden, W. H. R., 1976, Tr. Roy. Soc. Trop. Med. and Hyg., v. 70 (1), 54-56
Entamoeba histolytica in vitro, action of furazolidone and iodochlorhydroxyquin alone and as combination drug (dependal)

Iodofenphos
Rawlins, S. C.; and Mansingh, A., 1977, PANS, v. 23 (2), 137-142
Boophilus microplus, Jamaican strain, susceptibility to 35 acaricides, carbamates more effective than organophosphates or formamidines, chlorinated hydrocarbons least effective, comparison of resistance pattern with susceptible and resistant Australian strains

Iodo-3-hydroxy-4 nitro-5 benzonitrile. *See* Nitroxynil.

Iodoquinolines
Berthoud, S.; Rime, F.; and Buffle, P., 1976, Schweiz. Med. Wchnschr., v. 106 (24), 828-830
hepatic amoebic abscess presenting with systemic symptoms in man who had traveled extensively in tropics, abscess masked by previous treatment of intestinal symptoms with iodoquinolines, diagnosed by liver scan and cured with metronidazole: Switzerland

Ipronidazole -- 1-Methyl-2-isopropyl-5-nitroimidazole.

Ipronidazole
Chappel, L. R., 1975, Avian Dis., v. 19 (4), 679-682
HmL1 strain of Histomonas meleagridis, chicks, pathogenicity; three 1,2-disubstituted 5-nitroimidazoles tested to demonstrate applicability of disease model to chemotherapy

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Isoemetine
Entner, N.; and Grollman, A. P., 1973, J. Protozool., v. 20 (1), 160-163
Entamoeba histolytica, effect of amebicidal agents on protein synthesis, correlation of drug structural characteristics with biologic activity, implications for designing drugs with increased margin of selective toxicity for parasite vs. host

Isometamidium -- Isometamidium chloride; Samorin.

Isometamidium
Bacchi, C.; et al., 1975, J. Protozool., v. 22 (3), 33A [Abstract]
Leptomonas, cross-resistance patterns of antrycide-resistant clones

Isometamidium chloride
Bacchi, C. J.; et al., 1975, Antimicrob. Agents and Chemotherapy, v. 8 (6), 688-692
Leptomonas of insect origin, cross-resistance patterns of clones to a variety of medical and veterinary trypanocides and leishmanicides, potential as a model screening system

Isometamidium -- Continued.

Isometamidium chloride
Goodwin, L. G.; and Tierney, E. D., 1977, Parasitology, v. 74 (1), 33-45
Trypanosoma brucei, T. evansi, bioassay technique for titration of trypanocidal activity in microtest plates using very small samples, use to study activity of plasma and tissue fluid from normal and infected rabbits treated with curative drugs, activity higher in samples from infected rabbits due to participation of immune response

Isometamidium chloride
James, D. M., 1976, Internat. J. Parasitol., v. 6 (2), 179-182
Trypanosoma brucei, T. congolense, induction of protective immunity in rodents receiving living trypanosomes pretreated with isometamidium chloride or diminazene aceturate tetrahydrate

Samorin (Isometamidium)
Jennings, F. W.; Whitelaw, D. D.; and Urquhart, G. M., 1977, Parasitology, v. 75 (2), 143-153
Trypanosoma brucei, mice, relationship between duration of infection and efficacy of chemotherapy, discovery of type of relapsing infection which in some respects resembles drug resistance but is apparently due to another cause since infections were always completely susceptible to chemotherapy administered at early stage of infection

Isometamidium
Toure, S. M., 1973, Bull. Epizoot. Dis. Africa, v. 21 (1), 1-3
Trypanosoma vivax, exper. goats and cattle; T. brucei, exper. cattle, intravenous Isometamidium injections, drug efficacy

Isometamidium
Walker, P. J.; and Opiyo, E. A., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (2), 281-282 [Abstract]
Trypanosom[a] brucei, T. rhodesiense, mice, effect of parasite burden on curative dose of trypanocides, possible source of variation in results of in vivo drug tests

Isometamidium chloride
Wilson, A. J.; et al., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (2), 275 [Abstract]
trypanosomiasis, attempted control measures to prevent infections in Boran cattle raised in endemic areas, trials with diminazene aceturate and isometamidium chloride in different regimes: Kenya

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Isometamidium chloride. *See* Isometamidium.

Iso-octa methyl pyrophosphoramide (Iso-OMPA)
Gear, N. R., 1976, Comp. Biochem. and Physiol., v. 55 (1C), 5-10
4 Schistosoma spp., response to various acetylcholinesterase and cholinesterase inhibitors on hydrolysis of acetylcholine by parasite extracts

Iso-OMPA. See Iso-octa methyl pyrophosphoramide.

Isopentaquine -- 8-[4-(Isopropylamino)-1-methylbutylamino]-6-methoxyquinoline.

Isopentaquine
Schmidt, L. H.; et al., 1977, Am. J. Trop. Med. and Hyg., v. 26 (6, part 1), 1116-1128
Plasmodium cynomolgi, rhesus monkeys, various 8-aminoquinolines in combination with blood schizonticidal drugs, total dose of 8-aminoquinoline administered (rather than duration of treatment) is primary determinant of radical curative activity

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5-Isopropoxy carbonylamino-2-(4-thiazolyl) benzimidazole. See Cambendazole.

o-Isopropoxyphenyl methylcarbamate. See Propoxur.

8-[4-(Isopropylamino)-1-methylbutylamino]-6-methoxyquinoline. See Isopentaquine.

2-(N-Isopropylaminomethyl)-6-methyl-7-nitro-1,2,3,4-tetrahydroquinoline -- UK-3883.

UK-3883
Foster, R.; and Cheetham, B. L., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (5), 674-684
Schistosoma spp., oxamniquine, activity in rodents and in vitro, comparison with some other schistosomicides, toxicity studies

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8-[5-(Isopropylamino)-n-pentylamino]-6-methoxyquinoline. See Pentaquine.

Isopropyl [(4-chlorophenyl)amino]iminomethylcarbamimidate
Warner, V. D.; et al., 1976, J. Pharm. Sc., v. 66 (3), 418-419
Plasmodium lophurae, turkeys, synthesis and evaluation of isopropyl [(4-chlorophenyl) amino]iminomethylcarbamimidate, compared with chloroguanide

Isopropyl-11-methoxy-3,7,11-trimethyl-2,4-dodecadienoate. See Methoprene.

Isopropyl-(E,E)-11-methoxy-3,7,11-trimethyl-2,4-dodecadienoate. See Methoprene.

3-Isopropyl-5-methylphenyl N-butyryl-N-methyl carbamate. See Promacyl.

N-Isopropyl-3-(5-nitro-2-furyl)-acrylamide. See Nitrofurylacrylamide.

Isopropyl salicylate O-ester with O-ethyl isopropylphosphoramidothioate (BAY 92114)
Drummond, R. O.; et al., 1976, J. Econom. Entom., v. 69 (1), 37-40
Boophilus annulatus, B. microplus, acaricides, laboratory tests, spray and dip tests with cattle

Isopropyl 2-(4-thiazolyl)-5-benzimadazolecarbamate. See Cambendazole.

5-Isoproxy carbonylamino 2-(thiazolyl) benzimidazole. See Cambendazole.

4-Isothiocyanato-4'-nitrodiphenylamine -- CGP 4540; CG 9333 Go./Go.9333; C.9333-Go/CGP 4540; 4-Isothiocyano-4'-nitrodiphenylamine; 4-Nitro-4-isothiocyanato-diphenylamine.

4-Isothiocyanato-4'-nitrodiphenylamine (C9333-Go/CGP4540)
Bueding, E.; Batzinger, R.; and Petterson, G., 1976, Experientia, v. 32 (5), 604-606
Schistosoma mansoni, S. japonicum, various strains in mice, 4-isothiocyanato-4'-nitrodiphenylamine (C9333-Go/CGP4540), antischistosomal activity increased by reducing particle size, susceptibility varies with age of parasite, hepatic shift after oral administration of curative dose, mutagenic potential of low order

4-Isothiocyano-4'-nitrodiphenylamine (CGP 4540)
Coulter, A. W.; Bueding, E.; and Batzinger, R. P., 1977, J. Med. Chem., v. 20 (7), 981-982
schistosomiasis in experimental mice, differences in antischistosomal and mutagenic properties between 4-isothiocyano-4'-nitrodiphenylamine and its isocyano analogue, laboratory testing of structural characteristics

4-Isothiocyanato-4'-nitrodiphenylamine (C.9333-Go/CGP4540)
Doshi, J. C.; et al., 1977, Am. J. Trop. Med. and Hyg., v. 26 (4), 636-639
human hookworm infections, clinical trials of dosage searching for tolerance and efficacy using C.9333-Go/CGP 4540, compound well tolerated with few side effects, active also in mixed infections with Ascaris lumbricoides: Bombay, India

4-Isothiocyanato-4'-nitrodiphenylamine (C9333-Go/CGP4540)
Saz, H. J.; Dunbar, G. A.; and Bueding, E., 1977, Am. J. Trop. Med. and Hyg., v. 26 (3), 574-575
Brugia pahangi, small doses of 4-isothiocyanato-4'-nitrodiphenylamine given over 2-month period resulted in cure of infected jirds (exper.)

4-Isothiocyanato-4'-nitrodiphenylamine
Striebel, H. P., 1976, Experientia, v. 32 (4), 457-458
4-isothiocyanato-4'-nitrodiphenylamine, an anthelminthic with an unusual spectrum of activity against intestinal nematodes, filariae and schistosomes

4-Isothiocyanato-4'-nitrodiphenylamine -- Continued.

4-Nitro-4-isothiocyanato-diphenylamine (C.9333 Go./CGP 4540; CG 9333 Go./Go.9333)
Vakil, B. J.; et al., 1977, Tr. Roy. Soc. Trop. Med. and Hyg., v. 71 (3), 247-250
human hookworm, clinical evaluation of C.9333 Go./CGP 4540, promising anthelmintic with few side effects: India

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4-Isothiocyano-4'-nitrodiphenylamine. See 4-Isothiocyanato-4'-nitrodiphenylamine.

Izal
El-Moukdad, A. R., 1976, Wien. Tierarztl. Monatsschr., v. 63 (12), 399-405
Eimeria necatrix, E. acervulina, E. tenella, chickens, effect of various disinfectants on oocyst development

Izal
El-Moukdad, A. R., 1977, Wien. Tierarztl. Monatsschr., v. 64 (3), 85-91
effect of disinfectants on nematode eggs and coccidia oocysts

Jatropur. *See* Triamterene.

Jonit. *See* Bitoscanate.

Juglans regia aqueous extract
Sharma, L. D.; Bahga, H. S.; and Srivastava, P. S., 1971, Indian J. Animal Research, v. 5 (1), 33-38
Haemonchus contortus, sheep, goats, screening medicinal plant extracts, effective

Kainic acid -- Daias P (with Santonin).

Kainic acid
Ishizaki, T., 1974, Internat. Med. Found. Japan. Reporting series (4), 65-81
human Ascaris lumbricoides, epidemiologic and historical review, nightsoil control measures, comparison of anthelmintics in current use: Japan

Kainic acid + Santonin (= Daias P)
Ishizaki, T., 1974, Internat. Med. Found. Japan. Reporting series (4), 65-81
human Ascaris lumbricoides, epidemiologic and historical review, nightsoil control measures, comparison of anthelmintics in current use: Japan

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Kamala
Gogoi, A. R.; and Hazarika, R. N., 1977, Indian J. Animal Sc., v. 46 (12), 1976, 641-647
poultry cestodes, efficacy of 4 anthelmintics tested

Kamala
Sakaguchi, Y.; et al., 1974, Nettai Igaku (Trop. Med.), v. 16 (1), 27-33
Diplogonoporus grandis, 3 human case reports, morphological descriptions of recovered worms, kamala treatment: Japan

Kanamycin
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

Karangi oil
Prajapati, R. B.; and Hiregaudar, L. S., 1976, Indian Vet. J., v. 53 (2), 150-151
psoroptic mange of buffaloes, mineral and plant oils, burnt engine lubricating oil cheaper, more effective

Juvenile hormone. *See* Insect growth regulators.

Juvenile hormone analogues. *See* Insect growth regulators.

Juvenile hormone mimics. *See* Insect growth regulators.

Karlsbad salt
Glisic, Lj.; Sretenovic, M.; and Simic, P., 1972, Acta Parasitol. Iugoslavica, v. 3 (1), 27-30
Taenia saginata, T. solium, results of treatment 1956-1970, new oral anthelmintics (especially yomesan) preferred to earlier methods, yomesan also efficient against Hymenolepis nana if continued for up to 10 days, humans

Kathiolan salve
Dahl, O., 1976, Tidsskr. Norske Laegefor., v. 96 (9-10), 551-553
scabies, both typical burrowing and crusted Norwegian type, epidemic among patients and staff of hospital, clinical aspects, treatment methods: Norway

Kemic Flea and Tick Powder. *See* Methylcarbamate powder.

Kenacort-A. *See* Triamcinolone acetonide.

Ketrax. *See* Tetramisole.

Ketrex. *See* Tetramisole.

Kinoprene -- 2-Propynyl (E,E)-3,7,11-trimethyl-2,4-dodecadienoate; Prop-2-ynyl-(2E,4E)-3,7,11-trimethyl-2,4-dodecadienoate; ZR777.

Kinoprene
Chamberlain, W. F.; and Becker, J. D., 1977, Southwest. Entom., v. 2 (4), 179-182
Xenopsylla cheopis, inhibition of cocoon formation and adult emergence by insect growth regulators, possible means of control

Prop-2-ynyl-(2E,4E)-3,7,11-trimethyl-2,4-dodecadienoate (ZR777)
Mansingh, A.; and Rawlins, S. C., 1977, Naturwissensch., v. 64 (1), 41
Boophilus microplus, antigonadotropic action of insect hormone analogues, inhibition of oviposition, mortality

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Kitnos. *See* Chlorphenoxamide.

Klion. See Metronidazole.

Kohkin 25. See Sulfadimethoxine.

Korlan. See Ronnel.

Kriofos
  Getta, G. I.; and Kruchinina, M. P., 1976, Sborn. Nauch. Rabot. SibNIVI, Sibirsk. Nauchno-Issled. Vet. Inst. (26), 105-110
    hypodermiasis, bovine, comparative study on effectiveness of kriofos and hypodermin-chlorophos

KSb tartrate. See Antimony potassium tartrate.

Kwell (cream, lotion, or ointment). See Benzene hexachloride, Gamma.

Laetrile
Campbell, W. C., 1974, Science (4136), v. 184, 588
Schistosoma mansoni, albino mice, laetrile treatment did not kill schistosomes or suppress their egg production

Laevamisole. See Tetramisole.

Lampit. See Nifurtimox.

β-Lapachone -- 3,4-Dihydro-2,2-dimethyl-2H-naphthol[1,2-b] pyran-5,6-dione.

β-Lapachone
Docampo, R.; et al., 1977, Exper. Parasitol., v. 42 (1), 142-149
Trypanosoma cruzi epimastigotes, ultrastructural and metabolic alterations caused by β-lapachone

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Lapudrin. See Chlorproguanil HCl.

Larexane cream
Agrawal, M. C.; and Dutt, S. C., 1977, Indian Vet. J., v. 54 (1), 77-79
Stephanofilaria zaheeri, buffaloes, in vitro and in vivo drug trials, high efficacy with malathion: Jabalpur

Lasalocid -- Avatec; Lasalocid sodium; 3-Methyl-6-[7(R)-ethyl-4(S)-hydroxy-3(R),5(S)-dimethyl-6-oxo-7-[5(S)-ethyl-3(S)-methyl-5-(5(R)-ethyl-5-hydroxy-6(S)-methyl-2-tetrahydropyranyl)-2(R)-tetrahydrofuryl]heptyl]-salicylic acid; Ro 2-2985; X-537A.

Lasalocid
Chapman, H. D., 1976, Vet. Parasitol., v. 2 (2), 187-196
Eimeria tenella Houghton strain, chickens, monensin and lasalocid unable to completely control infection at 125 ppm, control achieved at higher levels but monensin was toxic, resistance could not be developed to either drug after 12 serial passages, however serial passage in presence of monensin resulted in increase in pathogenicity

Lasalocid
Damron, B. L.; et al., 1977, Poultry Science, v. 56 (5), 1487-1491
coccidiostats lasalocid or monensin in combination with roxarsone and various levels of methionine, broiler performance and processing characteristics

Lasalocid sodium (Avatec)
Foreyt, W. J.; Todd, A. C.; and Hartsough, G. R., 1977, Am. J. Vet. Research, v. 38 (3), 391-394
Isospora laidlawi, Eimeria vison and Eimeria sp. in Mustela vison (exper.), good results

Lasalocid -- Continued.

Lasalocid (Ro2-2985)
Melton, M. L.; and Sheffield, H. G., 1975, J. Parasitol., v. 61 (4), 713-717
Toxoplasma gondii, degree of inhibition of penetration and multiplication in cultured cells by lasalocid, monensin, ormetoprim, sulfadimethoxine, and a combination of the latter two

Lasalocid (X-537A), sodium salt
Mitrovic, M.; and Schildknecht, E. G., 1975, Poultry Science, v. 54 (3), 750-756
Eimeria tenella, chicks, efficacy of lasalocid against sulfaquinoxaline, nicarbazin, zoalene, amprolium, clopidol and 4-hydroxyquinoline resistant E. tenella strains; no resistance to lasalocid induced

Lasalocid
Ryley, J. F.; and Wilson, R. G., 1976, Parasitology, v. 73 (2), 137-148
Eimeria tenella, practical considerations involved in screening drugs in cell culture and in the chicken, analysis for incidence of anticoccidial activity and host cell toxicity based on 11,550 compounds screened in vitro, correlation of activity in vitro and in vivo attempted, results show that screening compounds in vitro is not satisfactory or reliable alternative to screening in chickens, but in vitro studies can play a part in evaluation of active drugs

Lasalocid
Weppelman, R. M.; et al., 1977, Poultry Science, v. 56 (5), 1550-1559
Eimeria tenella, E. acervulina, E. maxima, chicks, narasin, monensin, lasalocid, comparison of efficacy, resistance and tolerance

Lasalocid
Wilson, R. G., 1976, Parasitology, v. 73 (3), 283-286
Eimeria tenella, short-term application of 6 drugs in tissue culture, evaluation of coccidiocidal vs. coccidiostatic effect, necessity of monitoring technique to confirm drug withdrawal, importance of realistic level of drug dose

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Lasalocid sodium. See Lasalocid.

Lazin -- Ectopar

Ectopar (Lazin)
Misra, S. C., 1974, Indian J. Animal Research, v. 8 (2), 87-88
lice, cow and buffalo calves, goats, pigeons, fowls, highly effective

Ectopar
Misra, S. C.; and Basistan, A. K., 1972, Indian J. Animal Research, v. 6 (2), 99-100
Sarcoptes scabiei, puppies, malathion and ectopar, good results

Lazin -- Continued.

Lazin (Veterinary)
Prajapati, R. B.; and Hiregaudar, L. S., 1976, Indian Vet. J., v. 53 (2), 150-151
psoroptic mange of buffaloes, mineral and plant oils, burnt engine lubricating oil cheaper, more effective

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Lead arsenate -- $PbHAsO_4$; Fen-arsenate (with Phenothiazine).

Lead arsenate + Phenothiazine
Leland, S. E., jr.; et al., 1975, Am. J. Vet. Research, v. 36 (4), Part 1, 449-456
Cooperia punctata, in vitro-grown parasitic stages, evaluation of 28 anthelmintics using presumptive and confirmatory tests, comparison of in vitro potency with established in vivo activity against Cooperia and various other parasites, potential usefulness as preliminary screening method

Lead arsenate + Phenothiazine (= Fen-arsenate)
Tongson, M. S.; and Montenegro, M. M., 1975, Philippine J. Vet. Med., v. 13 (1-2), 170-182
purified microfine phenothiazine + lead arsenate, anthelmintic efficiency, good results, goats: Philippines

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Lederkyn. See Sulfamethoxypyridazine.

Lerbek. See Methyl benzoquate or Meticlorpindol.

Leucanthone hydrochloride. See Lucanthone.

Leucas aspera + Erythrina indica + Ocimum basilicum
Narayana, K.; Rao, H. S.; and Setty, D. R. L., 1975, Indian Vet. J., v. 52 (6), 494-495
Demodex canis, dogs, clinical symptoms, Ocimum basilicum leaves + Leucas aspera leaves + Erythrina indica seed rubbed into cutaneous lesions, good results

Levamisole. See Tetramisole.

Levamisole camphorsulfonate. See Tetramisole.

Levamisole chlorhydrate. See Tetramisole.

Levamisole hydrochloride. See Tetramisole.

Levamisole phosphate. See Tetramisole.

Levamisole resinate. See Tetramisole.

Levamisolum. See Tetramisole.

Levofuraltadone. See Furaltadone.

Levo-tetramisole. See Tetramisole.

Lime, hydrated
Hoffman, G. L.; and O'Grodnick, J. J., 1977, J. Fish Biol., v. 10 (2), 175-179
Myxosoma cerebralis, attempts to disinfect contaminated mud by air drying and applying hydrated lime, and contaminated water and mud with chlorine

Lime-sulphur
Sinclair, A. N., 1976, N. Zealand Vet. J., v. 24 (7), 149-152
Psorergates ovis, fleece derangement in infected Merino sheep before and after treatment as measurement of treatment success

Lincocin. See Lincomycin.

Lincomycin -- Lincocin; Lincomycin hydrochloroide.

Lincomycin (Lincocin)
Foreyt, W. J.; Todd, A. C.; and Hartsough, G. R., 1977, Am. J. Vet. Research, v. 38 (3), 391-394
Isospora laidlawi, Eimeria vison and Eimeria sp. in Mustela vison (exper.), ineffective

Lincomycin hydrochloride
Onawunmi, O. A.; and Todd, A. C., 1976, Am. J. Vet. Research, v. 37 (6), 657-660
porcine coccidiosis (exper.), suppression and control with chlortetracycline combination, buquinolate, and lincomycin hydrochloride

Lincocin
Roberts, C. O.; Chaparas, S. D.; and McLaughlin, D., 1976, J. Protozool., v. 23 (2), 34A [Abstract]
Toxoplasma gondii, mammalian and avian cell cultures tested to determine ability to support growth and plaque induction, inhibition of plaque formation by lincocin, sulfisoxazole, cleocin, and aureomycin and by antitoxoplasma antibody

Lincocin
Roberts, C. O.; Chaparas, S. D.; and McLaughlin, D., 1976, Tr. Am. Micr. Soc., v. 95 (3), 470-482
Toxoplasma gondii, plaque assay technique used to (1) select best tissue culture system for studying progress of infection, (2) assess effect of drugs and antibiotics, (3) observe effect of immune sera on tissue culture infection, and (4) investigate cellular hypersensitivity by in vivo and in vitro systems

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Lincomycin hydrochloride. See Lincomycin.

Lindacanine. See Benzene hexachloride, Gamma or Terpin.

Lindane. See Benzene hexachloride, Gamma.

Lintex. See Niclosamide.

Liquamycin. See Oxytetracycline.

Lithium antimony thiomalate. See Anthiolimine.

Lodfenfos. See DDT.

Lomasept
El-Moukdad, A. R., 1976, Wien. Tierarztl. Monatsschr., v. 63 (12), 399-405
Eimeria necatrix, E. acervulina, E. tenella, chickens, effect of various disinfectants on oocyst development

Lomasept
El-Moukdad, A. R., 1977, Wien. Tierarztl. Monatsschr., v. 64 (3), 85-91
effect of disinfectants on nematode eggs and coccidia oocysts

Lomasept
Ito, S.; et al., 1975, Japan. J. Vet. Sc., Tokyo, v. 37 (3), 229-234
Toxoplasma, strains from cats infected with Isospora bigemina, oocysticidal effect of disinfectants, alcohols and other chemicals, only Lomasept, Neo Kurehasol, ethanol, methanol, peracetic acid, ammonia water, ammonium sulfide, and formalin were effective

Lomidine. See Pentamidine.

Longum. See Sulfalene.

Lorothidol. See Bithionol.

Loxon. See Haloxon.

Lucanthone -- Leucanthone hydrochloride; Lucanthone hydrochloride; Miracil-D; Nilodin.

Leucanthone hydrochloride (Miracil-D, Nilodin)
Ahluwalia, S. S., 1974, Indian J. Animal Sc., v. 43 (5), 1973, 428-434
Schistosoma incognitum, pigs (exper.), drug efficacy, Ambilhar (good results), leucanthone hydrochloride (no effect)

Lucanthone
Coles, G. C., 1975, J. Helminth., v. 49 (3), 205-209
Schistosoma mansoni schistosomula, 3-week-old, and adult worms, activity of 6 clinical and 6 experimental schistosomicides in vitro, concluded that meaningful screening for potential schistosomicides cannot at present be carried out in vitro

Lucanthone
De Rosa, F.; and Giunta, S., 1972, Parassitologia, v. 14 (2-3), 287-292
Echinococcus granulosus, experimentally infected mice, chemotherapeutic screening, quantitative method, negative results with chloroquine, Lucanthone, Astiban and Endoxan

Lucanthone
Derrington, A. W., 1972, Med. J. Australia, v. 2 (10), 570-571 [Letter]
Schistosoma haematobium, itinerant sailor, successful treatment with short course of lucanthone: Woodville, South Australia

Lucanthone -- Continued.

Lucanthone, Xanthone analogue
Doss, S. T.; Selim, N. I.; and Abo Aouf, A.M., 1974, Egypt. J. Bilharz., v. 1 (2), 239-247
screening of xanthone analogue of lucanthone proved it to be inactive as schistosomicidal agent

Lucanthone (Nilodin)
Foster, R.; and Cheetham, B. L., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (5), 674-684
Schistosoma spp., oxamniquine, activity in rodents and in vitro, comparison with some other schistosomicides, toxicity studies

Lucanthone hydrochloride
Jewsbury, J. M., 1973, Ann. Trop. Med. and Parasitol., v. 67 (4), 431-438
Schistosoma mansoni, mice, hamsters, chemoprophylactic activities of lucanthone, hycanthone, niridazole, and oxamniquine compared

Lucanthone
Laufer, W. E., 1970, Med. Proc., Johannesburg, v. 16 (6), 103-107
decreased hatching of Schistosoma haematobium ova in chlorinated water, comparison trials with acriflavine and lucanthone solutions

Lucanthone HCl
Lim, H. K.; et al., 1974, Southeast Asian J. Trop. Med. and Pub. Health, v. 5 (1), 136-137 [Demonstration]
Schistosoma mansoni in Biomphalaria glabrata (exper.), infected snails more susceptible to lucanthone-containing water than non-infected snails, infected snails exposed to lucanthone died within 24 hours and showed extensive damage to schistosome daughter sporocysts

Lucanthone hydrochloride
Magzoub, M.; and Adam, S. E. I., 1973, J. Comp. Path., v. 83 (3), 429-435
Schistosoma mansoni Sudanese strain, mice, lucanthone hydrochloride treatment, criteria for assessment of therapeutic effect included mortality and distribution of worms and histological and histochemical changes in mouse liver

Lucanthone
Stammers, B. M., 1975, Ztschr. Parasitenk., v. 47 (2), 145-150
Fasciola hepatica, disruption of spermatogenesis, known fasciolicides and other anthelmintics tested

Lucanthone hydrochloride
Werbel, L.; et al., 1977, J. Med. Chem., v. 20 (12), 1569-1572
Schistosoma mansoni, clinical trials in mice and rhesus monkeys testing efficacy of 5-(2,4,5-trichlorophenyl)hydantoin and related compounds against that of lucanthone and niridazole

Lucanthone -- Continued.

Miracil D
Williamson, J.; and Scott-Finnigan, T. J., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (1), 1-2 [Demonstration]
Trypanosoma congolense, in vitro testing of antiviral and antitumor compounds with possible trypanicidal effects, probable RNA inhibition

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Lucanthone hydrochloride. See Lucanthone.

Lugol. See Iodine.

Luminal. See Phenobarbital.

Lusane. See Stibophen.

Lysivane. See Ethopropazine.

Lysococ. See Carbon disulfide.

Lysoff. See Fenthion.

Lysoform. See Formaldehyde.

Lysozyme + Metronidazole (= Deflamon)
Kabatova, A.; and Zeman, V., 1970, Minerva Ginec., v. 22 (17), 837-841
Trichomonas vaginalis, human, clinical trials comparing deflamon (metronidazole combined with lysozyme) and metronidazole used alone

Lysozyme + Metronidazole + Nystatin
Pavetto, P. F., 1973, Minerva Ginec., v. 25 (1), 46-54
human Trichomonas vaginalis vaginitis and mixed infections with Monilia, double-blind clinical trials testing metronidazole, nystatin and lysozyme in a combined vaginal suppository

Macmiror. *See* Nifuratel.

Madribon. *See* Sulfadimethoxine.

Magmilor. *See* Nifuratel.

Malachite green
Antychowicz, J., 1977, Bull. Vet. Inst. Pulawy, v. 21 (1-2), 35-43
Ichthyophthirius multifiliis, influence of copper sulphate, malachite green, methylene blue, trypan blue and Neguvon on development

Malachite green
Cerva, L., 1973, J. Protozool., v. 20 (4), 535
Naegleria in vitro, sensitivity to brilliant and malachite green equal to amphotericin B

Malachite green
Loyacano, H. A., jr.; and Crane, J. S., 1977, Progr. Fish Cult., v. 39 (1), 39-40
Ichthyophthirius multifiliis in Anguilla rostrata, malachite green alone and combined with formalin (good results), Dylox (ineffective)

Malachite green + Formalin
Loyacano, H. A., jr.; and Crane, J. S., 1977, Progr. Fish Cult., v. 39 (1), 39-40
Ichthyophthirius multifiliis in Anguilla rostrata, malachite green alone and combined with formalin (good results), Dylox (ineffective)

Malachite green
Roegge, M. A.; Rutledge, W. P.; and Guest, W. C., 1977, Aquaculture, v. 12 (2), 137-140
Zoothamnium sp. on larval Macrobrachium acanthurus, chemical control: copper sulfate, dylox, methylene blue, terramycin, combiotic, potassium permanganate, Roccal, nitrofurazone, and malachite green showed little control or were toxic to larvae; formalin at 50 ppm gave complete control, and had no ill effects on larvae: aquaculture, Kerr County, Texas

Malathion -- Araphosphothion (with Fenson); S-(1,2-Dicarbethoxyethyl)-0,0-dimethyl dithiophosphate.

Malathion (S-(1,2-dicarbethoxyethyl)-0,0-dimethyl dithiophosphate)
Agrawal, M. C.; and Dutt, S. C., 1977, Indian Vet. J., v. 54 (1), 77-79
Stephanofilaria zaheeri, buffaloes, in vitro and in vivo drug trials, high efficacy with malathion: Jabalpur

Malathion
Blume, R. R.; Matter, J. J.; and Eschle, J. L., 1973, J. Med. Entom., v. 10 (6), 596-598
Haematobia irritans, horses, laboratory evaluation of five insecticides, large-cage technique

Malathion
Cheong, W. H., 1964, Med. J. Malaya, v. 19 (1), 62-63
resistance of Cimex hemipterus to DDT and dieldrin; sensitivity to malathion: Malaysia

Malathion -- Continued.

Malathion
Constantin, M., 1971, Parasitol. Hungar., v. 4, 227-237
Myocoptes musculinus, Myobia musculi, natural infection in laboratory mouse colony, trials with Bayer compound 9010, tetocid, malathion and pyractone emulsion showed all compounds active against Myocoptes musculinus but only pyractone active against Myobia musculi

Malathion
Drummond, R. O.; et al., 1976, J. Econom. Entom., v. 69 (1), 37-40
Boophilus annulatus, B. microplus, acaricides, laboratory tests, spray and dip tests with cattle

Malathion ointment
Dutta, P. K.; and Hazarika, R. N., 1976, Indian Vet. J., v. 53 (3), 221-224
Stephanofilaria assamensis, cattle, chemotherapeutic trials, comparative efficacy of various drugs: Khanapara

Araphosphothion (Malathion + Fenson)
Greco, V.; and Saly, A., 1976, Veterinarstvi, v. 26 (6), 258-259
Haematopinus suis, swine, testing of several insecticides

Malathion
Hoornweg, J.; et al., 1975, Nederl. Tijdschr. Geneesk., v. 119 (40), 1534-1537
Pediculus humanis capitis, recommendations for treatment of pediculosis in children with repeat applications of gammexane or a single application of malathion

Malathion dust
Keh, B.; and Hawthorne, R. M., 1977, J. Zoo Animal Med., v. 8 (4), 19-24
Hippobosca longipennis on imported Acinonyx jubatus, attempted control with various insecticidal dusts, good results and complete eradication with carbaryl + sulfur; importance of detecting and eliminating future foci of imported H. longipennis: San Pasqual Wild Animal Park, California, imported from East Africa

Malathion
Kigaye, M. K.; and Matthysse, J. G., 1973, Bull. Epizoot. Dis. Africa, v. 21 (4), 429-435
Rhipicephalus sanguineus, technique for testing acaricide (carbaryl and malathion) susceptibility with disposable pipette, can be used for monitoring development of tick resistance

Malathion
Maldonado Capriles, J.; and Miro Mercado, J., 1977, J. Agric. Univ. Puerto Rico, v. 61 (3), 400-401
Ornithonyssus sylvarium, chickens (feathers), malathion, sevin, coral, good results after three consecutive treatments with coral: Adjuntas, Barrio Guayabo Dulce, Puerto Rico

Malathion -- Continued.

Malathion
Misra, S. C.; and Basistan, A. K., 1972, Indian J. Animal Research, v. 6 (2), 99-100
Sarcoptes scabiei, puppies, malathion and ectopar, good results

Malathion
Orkin, M.; Epstein, E.; and Maibach, H. I., 1976, J. Am. Med. Ass., v. 236 (10), 1136-1139
extensive review of treatment and control of human scabies and pediculosis

Malathion
Rathore, M. S.; and Lodha, K. R., 1974, Indian Vet. J., v. 51 (2), 149-153
Sarcoptes [sp.], Camelus dromedarius, lindane, sumithion, malathion; lindane most effective and economical: Rajasthan

Malathion
Rosenstein, M., 1976, Avian Dis., v. 20 (2), 407-409
Argas persicus larvae, paralyzed chickens, case report, malathion

Malathion
Sholdt, L. L.; et al., 1977, Tr. Roy. Soc. Trop. Med. and Hyg., v. 70 (5-6), 1976, 532-533 [Letter]
Pediculus humanus humanus, evidence that human body lice are resistant to malathion: Ethiopia

Malathion
Steinberg, M.; et al., 1971, J. Med. Entom., v. 8 (1), 68-72
body lice, human, comparison of Mobam and malathion; susceptibility of natural population of body lice to DDT, lindane, malathion, and Mobam (filter paper method); comparison of susceptibility of wild and laboratory-reared colonies of lice to DDT, lindane, and malathion: Korea

Malathion
Traore Lamizana, M.; and Mouchet, J., 1976, Medecine et Malad. Infect., v. 6 (2), 48-52
Pediculus humanus capitis, studies on resistance of 3 strains from Paris schoolchildren to DDT, malathion and gamma HCH

Malathion
Young, E.; Zumpt, F.; and Whyte, I. J., 1972, J. South African Vet. Ass., v. 43 (2), 205
Notoedres cati in Acinonyx jubatus, dermatitis crustosa (head, neck, ears, and other parts of body), treatment with malathion

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Maloprim. See Dapsone or Pyrimethamine.

Mangifera indica aqueous extract
Sharma, L. D.; Bahga, H. S.; and Srivastava, P. S., 1971, Indian J. Animal Research, v. 5 (1), 33-38
Haemonchus contortus, sheep, goats, screening medicinal plant extracts, ineffective

Mansonil. See Niclosamide.

Mantomide. See Chlorbetamide.

Mapharside. See Oxophenarsine.

Maretin. See Phthalophos.

Marlate 50. See Methoxychlor.

Masoten. See Trichlorfon.

M&B 2540
Stammers, B. M., 1975, Ztschr. Parasitenk., v. 47 (2), 145-150
Fasciola hepatica, disruption of spermatogenesis, known fasciolicides and other anthelmintics tested

MBC phosphate. See Methyl-2-benzimidazole carbamate phosphate.

MBQ. See Methyl benzoquate.

Mebeciclol. See Mebendazole or Niclosamide or Tinidazole.

Mebendazole -- Antiox; Mebeciclol (with Niclosamide and Tinidazole); Mebenvet; Methyl 5-benzoyl benzimidazole-2-carbamate; Methyl-5(6)-benzoyl-2 benzimidazole carbamate; Methyl-N-[5(6)-benzoyl-2-benzimidazolyl] carbamate; Multispec; Nemasole; Pantelmin; R 17,635; Telmin; Telmin Dog Wormer; Telmintic; Vermox; 5-Benzoyl-2-methoxy- carbonyl-aminobenzimidazole.

Mebendazole (Vermox; R 17635)
Asmera, J.; et al., 1975, Ceskoslov. Pediat., v. 30 (4), 171-172
human intestinal helminths, mebendazole used as successful wide-spectrum anthelmintic in clinical trials: Czechoslovakia

Mebendazole (R-17,635)
Banerjee, D.; Mandal, A.; and Prakash, O., 1971, Tr. Roy. Soc. Trop. Med. and Hyg., v. 65 (5), 685-686
marked inhibitory action of mebendazole on development of larval stages from eggs of Ancylostoma duodenale, A. caninum, and Necator americanus, no effect on infective larval stages, in vitro trials

Mebendazole
Bekhti, A.; et al., 1977, Brit. Med. J. (6094), v. 2, 1047-1051
Echinococcus granulosus, human hepatic echinococcosis, treatment of 4 cases with mebendazole, assessment of results with ultrasonic echotomography and changes in circulating blood levels of specific IgE and immune complexes

Mebendazole (Multispec)
Berger, J., 1975, J. South African Vet. Ass., v. 46 (4), 369-372
sheep, laboratory strain and parbendazole resistant field strain of Haemonchus contortus, resistant to five benzimidazoles, susceptible to levamisole and haloxon

Mebendazole -- Continued.

Mebendazole (R 17,635; Vermox)
Biagi, F.; Smyth, J.; and Gonzalez, C., 1974, Prensa Med. Mexicana, v. 39 (1-2), 51-53
human intestinal helminths, successful clinical trials using mebendazole, drug well tolerated with minimal side effects: Mexico

Mebendazole + Niclosamide + Tinidazole (= Mebeciclol)
Biagi, F.; Smyth, J.; and Gonzalez, C., 1975, Prensa Med. Mexicana, v. 40 (5-6), 189-192
human intestinal parasites, clinical trials with mebeciclol show it to be useful drug against many parasites and therefore recommended for mass therapy in low socioeconomic areas where multiple parasitism is likely to be present: Mexico

Mebendazole (Nemasole; R-17635)
Borda, C. E.; Rea, M. J.; and Borda, R. W., 1976, Prensa Med. Argent., v. 63 (2), 55-58
Necator americanus, humans, clinical trials with mebendazole, recommended for mass therapy because of easy administration, good tolerance and few side effects: Argentina

Mebendazole
Borgers, M.; et al., 1975, J. Parasitol., v. 61 (5), 830-843
Taenia taeniaeformis, mice, parenteral treatment with mebendazole, progressive micromorphological changes in cysticerci confined to absorptive compartment of larvae (tegument and tegumental cells), primary interference with microtubular system

Mebendazole
Camargo, P. A. M.; et al., 1974, Pediat. Prat., S. Paulo, v. 45 (10-12), 189-194
human intestinal helminths, comparative treatment trials using mebendazole and pyrantel pamoate, efficacy of drugs checked using the McMaster technique to determine reduction in egg production

Mebendazole
Campbell, W. C.; McCracken, R. O.; and Blair, L. S., 1975, J. Parasitol., v. 61 (5), 844-852
Echinococcus multilocularis in mice and cotton rats, Taenia crassiceps in mice, effect of benzimidazole compounds on metacestodes, comparison of intraperitoneal, subcutaneous, and oral inoculation

Mebendazole
Cervenka, J.; Zajicek, D.; and Nydl, J., 1975, Veterinarstvi, v. 25 (6), 263-264
helminths, geese, Mebendazole

Mebendazole (Antiox; R 17,635)
Chanco, P. P., jr.; Goquiolay-Arellano, R.; and Atienza, M. R., 1974, Philippine J. Pediat., v. 23 (2), 43-53
Trichuris trichiura, children with complication of rectal prolapse, successful therapy with mebendazole, clinical trials

Mebendazole -- Continued.

Mebendazole
Coles, G. C.; and McNeillie, R. M., 1977, J. Helminthol., v. 51 (4), 323-326
dietary feeding of drugs for 5 days to mice infected with Nematospiroides dubius and Hymenolepis nana, detected all modern anthelmintics examined except stilbazium; simple test using N. spathiger eggs and Nippostrongylus brasiliensis adults to detect anthelmintics in vitro

Mebendazole
Coles, G. C.; and Simpkin, K. G., 1977, Research Vet. Sc., v. 22 (3), 386-387
resistance of normal nematode eggs and eggs of benzimidazole-resistant Haemonchus contortus and Trichostrongylus colubriformis to ovicidal activity of benzimidazoles, observed that eggs from benzimidazole-resistant nematodes are resistant to benzimidazoles, may be useful as simple screen for detecting resistance

Mebendazole (Telmin)
Colglazier, M. L.; Enzie, F. D.; and Kates, K. C., 1977, J. Parasitol., v. 63 (4), 724-727
gastrointestinal parasites of ponies, comparative efficacy of 4 benzimidazoles evaluated by critical test method

Mebendazole
Colglazier, M. L.; Kates, K. C.; and Enzie, F. D., 1975, J. Parasitol., v. 61 (4), 778-779
Haemonchus contortus, cambendazole-resistant strain, cross-resistance to thiabendazole, mebendazole, and oxibendazole, fully sensitive to levamisole

Mebendazole
Cornish, R. A.; and Bryant, C., 1976, Internat. J. Parasitol., v. 6 (5), 393-398
Fasciola hepatica maintained in vitro, effects of rafoxanide, nitroscanate, and mebendazole on oxidative pathways

Mebendazole
Delatour, P.; et al., 1976, Compt. Rend. Acad. Sc., Paris, v. 282, s. D, (5), 517-518
parbendazole, mebendazole, cambendazole, teratogenic activity on embryos exper. established in rat and mouse, antimitotic properties demonstrated in vivo and in vitro on mouse tumors, implications for use in animals whose flesh or products (eggs, milk) are consumed by man

Mebendazole
Dorchies, P.; and Amalric, M., 1977, Rev. Med. Vet., Toulouse, v. 128 (1), 7-24
gastrointestinal helminths, gastrophilosis, horses, anthelmintics, drug efficacy, review

Mebendazole
Duke, B. O. L., 1974, Tr. Roy. Soc. Trop. Med. and Hyg., v. 68 (2), 172 [Letter]
Onchocerca volvulus-infected chimpanzee, mebendazole ineffective treatment when administered orally

Mebendazole -- Continued.

Mebendazole (Mebenvet)
Eckert, J.; and Pohlenz, J., 1976, Tropenmed. u. Parasitol., v. 27 (3), 247-262
Echinococcus multilocularis metacestode tissue transplanted into mice or Meriones unguiculatus, Mesocestoides corti in mice (all exper.), effects of mebendazole on metacestodes, oral therapy well tolerated

Mebendazole
Eckert, J.; and Pohlenz, J., 1976, Ztschr. Parasitenk., v. 50 (2), 221
Mesocestoides corti, Echinococcus multilocularis, larval stages in mice, mebendazole, good results, well tolerated

Mebendazole
Enigk, K.; Dey-Hazra, A.; and Batke, J., 1976, Tierarztl. Umschau, v. 31 (8), 360-362
swine nematodes, mebendazole treatment

Mebendazole (Telmin)
Evans, W. S.; and Novak, M., 1976, Canad. J. Zool., v. 54 (7), 1079-1083
Hymenolepis diminuta in Tribolium confusum, mebendazole found effective in reducing numbers and retarding development of cysticercoids but cysticercoids varied considerably in their tolerance of the drug

Mebendazole
Farahmandian, I.; et al., 1977, Chemotherapy, v. 23 (2), 98-105
human intestinal Ascaris, hookworm and Trichostrongylus spp., statistics of comparative trials using pyrantel, levamisole, mebendazole, thiabendazole and bephenium: Iran

Mebendazole
Fernando, S. S. E.; and Denham, D. A., 1976, J. Parasitol., v. 62 (6), 874-876
Trichinella spiralis, effect of mebendazole and fenbendazole on different life cycle stages, mice

Mebendazole
Forstner, M. J.; Kopp, H.; and Wiesner, H., 1977, Berl. u. Munchen. Tierarztl. Wchnschr., v. 90 (9), 180-183
nematodes of ruminants, mebendazole, good results: Hellabrunn Zoo, Munich

Mebendazole
Gemmell, M. A.; Johnstone, P. D.; and Oudemans, G., 1975, Research Vet. Sc., v. 19 (2), 229-230
Echinococcus granulosus, Taenia hydatigena, dogs (exper.), efficiency of mebendazole

Mebendazole
Gemmell, M. A.; Johnstone, P. D.; and Oudemans, G., 1977, Research Vet. Sc., v. 23 (1), 115-116
Taenia hydatigena, dogs (exper.), lethal effect of 6 benzimidazoles compared

Mebendazole -- Continued.

Mebendazole
Goldsmid, J. M.; Smith, M. E.; and Fleming, F., 1974, Ann. Trop. Med. and Parasitol., v. 68 (3), 363-364
Moniliformis sp., human (12-month-old child), successful treatment with mebendazole: Rhodesia

Mebendazole
Hass, D. K.; and Collins, J. A., 1976, Proc. Helminth. Soc. Washington, v. 43 (2), 135-137
helminths, dogs, comparative efficacy of vincofos, ticarbodine, mebendazole

Mebendazole
Heath, D. D.; and Chevis, R. A. F., 1974, Med. J. Australia, v. 2 (5), 179
mebendazole lethal to both primary and secondary Echinococcus granulosus cysts, exper. mice

Mebendazole
Heath, D. D.; and Chevis, R. A. F., 1975, Vet. Parasitol., v. 1 (2), 159-163
Taenia pisiformis, rabbits, immunization with viable eggs or with activated oncospheres followed by mebendazole chemotherapy at various intervals, time course required for development of immunity

Mebendazole
Herlich, H., 1976, Vet. Parasitol., v. 2 (4), 377-383
Trichostrongylus axei, T. colubriformis, rabbits, efficacy of 8 anthelmintics at dose rates known to be effective in ruminants, evaluation of this system as preliminary screen for testing potential anthelmintics

Mebendazole
Hoerchner, F.; Langnes, A.; and Oguz, T., 1977, Tropenmed. u. Parasitol., v. 28 (1), 44-50
larval Cysticercus spp. in experimental animals, clinical trials testing various doses of mebendazole and praziquantel

Telmin
Isenbuegel, E., 1976, Prakt. Tierarzt , v. 57, Sondernummer, 21-27
Capillaria erinacei, Hymenolepis erinacei, hedgehogs

Mebendazole
Isenbuegel, E., 1976, Prakt. Tierarzt , v. 57, Sondernummer, 21-27
Hymenolepis erinacei, hedgehogs

Mebendazole
Islam, N.; and Chowdhury, N. A., 1976, Southeast Asian J. Trop. Med. and Pub. Health, v. 7 (1), 81-84
human intestinal parasites, comparative treatment trials using mebendazole and pyrantel pamoate, recommendations for use: Dacca, Bangladesh

Mebendazole -- Continued.

Mebendazole
Iyngkaran, N.; et al., 1976, Am. J. Trop. Med. and Hyg., v. 25 (4), 568-572
clinical trials using mebendazole to treat severe Trichuris trichiura infections in children; proctoscopy established as best method to assess worm burden and severity of involvement; mebendazole safe and effective if given over longer than currently recommended period, eggs post-treatment morphologically altered and no longer viable: Malaysia

Mebendazole (Telmin)
Jeggo, M. H.; and Sewell, M. M. H., 1977, Vet. Rec., v. 101 (10), 187
Trichonema spp., horse, mebendazole and pyrantel embonate failed to prevent onset of disease, successfully treated with fenbendazole

Mebendazole (Vermox)
Kale, O. O., 1975, Am. J. Trop. Med. and Hyg., v. 24 (4), 600-605
Dracunculus medinensis, mebendazole field trials, humans, safe and effective for mass therapy, eliminates adult worms and prevents clinical relapses but not significantly effective in eliminating symptoms and healing ulcers

Mebendazole
Kammerer, W. S.; and Judge, D. M., 1976, Am. J. Trop. Med. and Hyg., v. 25 (5), 714-717
Echinococcus granulosus, mice (exper.), mebendazole, bithionol, promising results

Mebendazole (Telmin)
Kelly, J. D.; et al., 1977, Research Vet. Sc., v. 22 (2), 161-168
Haemonchus contortus, Trichostrongylus colubriformis, resistant or susceptible to thiabendazole, sheep, effect of route of administration (oral, intra-ruminal or intra-abomasal) on efficacy of benzimidazole anthelmintics

Mebendazole (Mebenvet; Vermox)
Kozakiewicz, B., 1976, Med. Wet., v. 32 (5), 293-295
Trichocephalus vulpis, dogs, mebendazole very effective, tetramisole ineffective

Mebendazole (Pantelmin)
Krasa, E.; and Kaupeny, M., 1977, Paediat. u. Paedol., v. 12 (1), 73-75
children with Enterobius vermicularis and associated asthma or broncho-pulmonary conditions, mebendazole therapy highly effective

Mebendazole
Krubwa, F.; et al., 1974, Medecine Trop., v. 34 (5), 679-687
trial administration of mebendazole to school children on quarterly basis for attempted eradication of intestinal nematodes, recommendations for use as mass control measure: Zaire

Mebendazole -- Continued.

Mebendazol (R 17635)
Laemmler, G.; and Gruener, D., 1976, Berl. u. Munchen. Tierarztl. Wchnschr., v. 89 (11), 222-225; (12), 229-233
Capillaria hepatica in Mastomys natalensis, comparative activity of 24 anthelmintics, possible model screening system

Mebendazole (R 17635)
Laemmler, G.; and Wolf, E., 1977, Tropenmed. u. Parasitol., v. 28 (2), 205-225
Litomosoides carinii in Mastomys natalensis (exper.), 17 anthelmintics and chemotherapeutics comparatively tested for their chemoprophylactic activity against various larval stages of the parasites

Mebendazole
Lal, J.; Subramanian, G.; and Sabir, M., 1977, Indian J. Animal Sc., v. 45 (10), 1975, 807-808
Ascaridia galli, chicks (exper.), mebendazole, highly effective against intestinal larvae, ineffective against tissue-phase larvae

Mebendazole (Telmin)
Leland, S. E., jr.; et al., 1975, Am. J. Vet. Research, v. 36 (4), Part 1, 449-456
Cooperia punctata, in vitro-grown parasitic stages, evaluation of 28 anthelmintics using presumptive and confirmatory tests, comparison of in vitro potency with established in vivo activity against Cooperia and various other parasites, potential usefulness as preliminary screening method

Mebendazole
Lengyel, A.; Levai, J.; and Rovo, J. T., 1974, Med. Universalis, v. 7 (5), 263-265
Trichuris trichiura, mebendazole effective in short and long term treatment, clinical trials

Mebendazole
Lozoff, B.; Warren, K. S.; and Mahmoud, A. A. F., 1975, J. Infect. Dis., v. 132 (5), 606-610
Necator americanus, Ancylostoma duodenale, human, algorithms in diagnosis and management, mebendazole

Mebendazole
McCall, J. W.; and Crouthamel, H. H., 1976, J. Parasitol., v. 62 (5), 844-845
Dirofilaria immitis, dogs (exper.), mebendazole 100% effective against developing larvae, potential as prophylactic

Mebendazole powder (Telmintic)
McCurdy, H. D.; and Guerrero, J., 1977, Vet. Med. and Small Animal Clin., v. 72 (11), 1731-1733
helminths, dogs, mebendazole powder, controlled critical studies, good results against all helminths except Dipylidium caninum: Kansas; New Jersey; Texas

Mebendazole -- Continued.

Mebendazole
Partono, F.; Purnomo; and Tangkilisan, A., 1974, Southeast Asian J. Trop. Med. and Pub. Health, v. 5 (2), 258-264
prevalence survey for human intestinal parasitic infections in different age and occupational groups and simultaneous clinical trial for efficacy of mebendazole as therapy for polyparasitism: Jakarta, Indonesia

Mebendazole (Vermox)
Pawlowski, Z.; and Chodera, L., 1975, Polski Tygod. Lekar., v. 30 (24), 1035-1037
ascariasis, trichuriasis, ancylostomiasis, humans, clinical trials show mebendazole to be effective drug for all 3 infections: Poznan, Poland

Mebendazole
Pawlowski, Z.; Kozakiewicz, B.; and Wroblewski, H., 1976, Vet. Parasitol., v. 2 (3), 303-306
Taenia saginata cysticercosis in calves (exper.), mebendazole intraperitoneally not effective

Mebendazole
Pawlowski, Z.; Kozakiewicz, B.; and Zatonski, J., 1976, Vet. Parasitol., v. 2 (3), 299-302
Echinococcus granulosus, pigs (exper.), mebendazole per os more effective than intraperitoneally against hydatid cysts

Mebendazole
Pena Chavarria, A.; Villarejos, V. M.; and Zeledon, R., 1977, Am. J. Trop. Med. and Hyg., v. 26 (1), 118-120
Taenia solium, T. saginata in humans, mebendazole confirmed as safe, easy and effective treatment of taeniasis, few side effects, proglottids expelled intact: Costa Rica

Mebendazole
Rahman, M. S.; et al., 1977, N. Zealand Vet. J., v. 25 (4), 79-83
metabolic changes in Moniezia expansa, Haemonchus contortus, and Fasciola hepatica from mebendazole-treated sheep, total nucleotide concentrations, ATP levels, ATP/ADP ratios; detachment of Fasciola hepatica from host tissue diminished its contact with the drug

Mebendazole
Rahman, M. S.; and Bryant, C., 1977, Internat. J. Parasitol., v. 7 (5), 403-409
Moniezia expansa, effects of mebendazole and cambendazole on respiratory metabolism

Mebendazole
Reinecke, R. K., 1972, Onderstepoort J. Vet. Research, v. 39 (3), 153-178
gastrointestinal nematodes of cattle, use of modified nonparametric method to evaluate anthelmintic efficacy of levamisole and mebendazole against various parasite stages, detailed description of each step of procedure

Mebendazole -- Continued.

Mebendazole
Reinecke, R. K.; and le Roux, D. J., 1972, J. South African Vet. Ass., v. 43 (3), 287-294
adult nematodes, critical tests on donkeys and modified critical tests on horses using mebendazole, highly effective

Mebendazole
Reisin, I. L.; et al., 1977, Internat. J. Parasitol., v. 7 (3), 189-194
Echinococcus granulosus, mebendazole readily permeates through membranes of secondary cysts

Mebendazole
Rickard, M. D.; and James, D. E., 1976, Austral. Vet. J., v. 52 (10), 487-488 [Letter]
Dictyocaulus arnfieldi, horses, mebendazole: Australia, imported from New Zealand

Mebendazole (Telmin)
Rizzoli-Stalder, C.; et al., 1976, Schweiz. Arch. Tierh., v. 118 (8), 341-345
gastrointestinal parasites, horses, two groups maintained on similar pastures, only one group receiving regular anthelmintic treatment, quantitative and qualitative study of egg production from fecal specimens

Mebendazole
Sapunar, J.; Doerr, E.; and Letonja, T., 1976, Bol. Chileno Parasitol., v. 31 (3-4), 79-83
human anisakiasis, increasing world wide problem with increased use of fish for food, suggested control measures; case report of woman who expelled Anisakis sp. from throat after eating raw fish, elimination of second worm in feces after mebendazole therapy: Santiago, Chile

Mebendazole
Schenone, H.; et al., 1976, Bol. Chileno Parasitol., v. 31 (3-4), 75-78
Enterobius vermicularis, Ascaris lumbricoides, and Trichuris trichiura in children, clinical trials of oral mebendazole highly successful, recommended for individual or mass therapy

Mebendazole
Schenone, H.; Galdames, M.; and Cabello, C., 1975, Bol. Chileno Parasitol., v. 30 (3-4), 89-90
intestinal parasites, young girls, combined therapy with mebendazole and thiabendazole

Mebendazole
Scott, P., 1977, N. Zealand Vet. J., v. 25 (12), 373-378
detailed review of some modern equine anthelmintics, efficacy and safety

Mebendazole
Scragg, J. N.; and Proctor, E. M., 1977, Am. J. Trop. Med. and Hyg., v. 26 (2), 198-203
Trichuris trichiura, mebendazole treatment of children with severe symptomatic infections, satisfactory results with cure in 74% and reduced egg counts in remaining children, possible use for mass therapy: Durban, South Africa

Mebendazole -- Continued.

Mebendazole (Vermox)
Seah, S. K. K., 1976, Canad. Med. Ass. J., v. 115 (8), 777-779
mebendazole suggested as drug of choice for Trichuris trichiura and mixed nematode infections after extensive clinical trials: Canada

Mebendazole
Shafei, A. Z., 1976, J. Trop. Med. and Hyg., v. 79 (9), 197-200
Dracunculus [medinensis] adult worms, humans, mebendazole effective in clinical trials: Nigeria

Mebendazole (Telmin)
Sharp, J. W.; and Wescott, R. B., 1976, Lab. Animal Sc., v. 26 (2, pt. I), 222-223
Aspiculuris, Syphacia, mice, mebendazole, good results

Mebendazole
Simpkin, K. G.; and Coles, G. C., 1976, Parasitology, v. 73 (2), iv [Abstract]
Nematospiroides dubius, Nippostrongylus brasiliensis, Nematodirus spathiger, modes of action of thiabendazole and mebendazole apparently different from those reported on other species

Mebendazole
Singson, C. N.; Banzon, T. C.; and Cross, J. H., 1975, Am. J. Trop. Med. and Hyg., v. 24 (6, pt. 1), 932-934
Capillaria philippinensis, human clinical trials using mebendazole for intestinal capillariasis, additionally effective against Ascaris lumbricoides, Trichuris trichiura and hookworm: Philippines

Mebendazole (Telmin)
Slocombe, J. O. D.; and Cote, J. F., 1977, Canad. Vet. J., v. 18 (8), 212-217
small strongyles, horses, cross resistance to cambendazole, thiabendazole, and mebendazole, susceptibility to non-benzimidazole compounds

Mebendazole (Vermox)
Spaldonova, R.; and Virgala, J., 1974, Ceskoslov. Pediat., v. 29 (6), 345-347
Trichocephalus trichiurus in children, clinical trials using mebendazole and recommendations for drug usage: Czechoslovakia

Vermox
Straka, S.; et al., 1977, Ceskoslov. Epidemiol., Mikrobiol., Imunol., v. 26 (1), 52-60
tapeworms, human, epidemiological analysis, geographical distribution, sex, age, social structure, occupation and clinical symptoms; transmission by raw meat, efficacy of anthelmintics: Slovak Socialist Republic

Mebendazole -- Continued.

Mebendazole
Turton, J. A., 1977, Parasitology, v. 75 (2), xxxvi [Abstract]
Necator americanus, human (exper.), 4 infections in one person over 2-year period, protective response not elicited (using egg count as criterion), anthelmintic activity of levamisole exceptionally varied (from 0 to 99%) but mebendazole always 100% effective, symptoms, blood picture, antibody production, lesions produced during dermal penetration

Mebendazole
Vakil, B. J.; and Dalal, N. J., 1975, Progr. Drug Research, v. 19, 166-175
comparative efficacy of newer anthelmintics in treating various human intestinal helminths, review

Mebendazole
Vercruysse, J.; et al., 1976, Acta Zool. et Path. Antverpiensia (64), 115-119
Baylisascaris transfuga, polar bears (Thalarctos maritimus), mebendazole effective, control program discussed: Zoological Garden, Antwerp

Mebendazole (Multispec)
Viljoen, J. H., 1976, J. South African Vet. Ass., v. 47 (3), 161-169
Parafilaria bovicola, calves, prepatent period, clinical aspects, filaricidal effects of 9 compounds; levamisole hydrochloride and fenbendazole reasonably effective: vicinity of Onderstepoort

Mebenvet
Wallnoefer, E., 1977, Wien. Tierarztl. Monatschr., v. 64 (4), 129-131
sheep parasites, Mebenvet, good results when treatment was repeated after 14 days: Austria

Mebendazole (Vermox)
Warren, K. S.; and Mahmoud, A. A. F., 1975, J. Infect. Dis., v. 132 (2), 229-232
Enterobius vermicularis, life cycle, epidemiology, disease syndromes, diagnosis, management (sanitary measures of no avail, mebendazole effective)

Mebendazole
Zander, B.; and Hoerchner, F., 1976, Ztschr. Parasitenk., v. 50 (2), 178
Trichinella spiralis, guinea pigs, serum titration before and after mebendazole treatment

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Mebenvet. See Mebendazole.

Mecadox. See Carbadox.

Mefloquine -- Mefloquine hydrochloride; α-(2-Piperidyl)-2,8-bis(trifluoromethyl)-4-quinolinemethanol; α-(2-Piperidyl)-2,8-bis(trifluoromethyl)-4-quinolinemethanol hydrochloride; DL-erythro-α-2-Piperidyl-2,8-bis(trifluoromethyl)-4-quinolinemethanol hydrochloride; WR 142,490; WR 142,490 hydrochloride.

Mefloquine hydrochloride (WR 142,490)
Clyde, D. F.; et al., 1975, Antimicrob. Agents and Chemotherapy, v. 9 (3), 384-386
sporozoite-induced human malaria (exper.), suppressive activity of mefloquine, more effective against Plasmodium falciparum than against P. vivax

Mefloquine (WR 142,490)
Clyde, D. F.; et al., 1976, J. Trop. Med. and Hyg., v. 79 (2), 38-41
chloroquine-resistant strain of Plasmodium falciparum from Indonesian New Guinea characterized in non-immune volunteers, resistant to most commonly used antimalarials, radical cure produced with mefloquine

Mefloquine and analogues
Davidson, M. W.; et al., 1977, J. Med. Chem., v. 20 (9), 1117-1122
antimalarial action of quinolinemethanolamines as mefloquine, quinacrine, chloroquine and quinine does not involve interaction with DNA, reported results from laboratory study

α-(2-Piperidyl)-2,8-bis (trifluoromethyl)-4-quinolinemethanol·HCl (WR 142,490)
Einheber, A.; Palmer, D. M.; and Aikawa, M., 1976, Exper. Parasitol., v. 40 (1), 52-61
Plasmodium berghei, chloroquine-induced pigment clumping, inhibition and reversal by quinine, WR 33,063, WR 171,669, WR 30,090, and WR 142,490, possible application in assay for oral bioavailability of such candidate antimalarials

Mefloquine hydrochloride
Grindel, J. M.; Tilton, P. F.; and Shaffer, R. D., 1977, J. Pharm. Sc., v. 66 (6), 834-837
human malarias, quantitation of mefloquine in blood, plasma, and urine using high-pressure liquid chromatography, suitable assay for study of pharmacokinetics in humans

Mefloquine hydrochloride (WR 142490)
Hall, A. P.; et al., 1977, Brit. Med. J. (6077) v. 1, 1626-1628
human falciparum malaria, comparison drug trials using quinine + fansidar or quinine + mefloquine in treatment of chloroquine resistant infection, both effective with few side effects: Thailand

Mefloquine (WR 142,490)
Hanson, W. L.; Chapman, W. L., jr.; and Kinnamon, K. E., 1977, Internat. J. Parasitol., v. 7 (6), 443-447
Leishmania donovani in Mesocricetus auratus model, existing procedure modified to make possible screening of 10-15 selected compounds per week for antileishmanial activity, glucantime used as reference compound

Mefloquine -- Continued.

WR 142,490 HC1
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

Mefloquine (WR 142,490)
Peters, W.; et al., 1977, Ann. Trop. Med. and Parasitol., v. 71 (4), 407-418
Plasmodium berghei, chloroquine sensitive and resistant strains, or mixed infections with P. yoelii nigeriensis, efficacy and mode of action of mefloquine in mice (exper.), evidence of potent blood schizontocide with effects enhanced by addition of pyrimethamine, sulfaphenazole or primaquine

WR 142,490 HC1
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

WR 142,490 HC1
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

Mefloquine (WR 142,490)
Peters, W.; Portus, J.; and Robinson, B. L., 1977, Ann. Trop. Med. and Parasitol., v. 71 (4), 419-427
Plasmodium berghei, mice (exper.), studies on development of resistance to mefloquine and possible means of slowing down resistance process by mixing mefloquine with pyrimethamine, sulfaphenazole or primaquine; recommendation that mefloquine be used only to treat chloroquine resistant P. falciparum

α-(2-Piperidyl)-2,8-bis(trifluoromethyl)-4-quinoline-methanol (WR-142,490)
Rothe, W. E., 1976, Scient. Publication (317). Pan Am. Health Organ., 164-168
efficacies of potential antimalaria drugs (WR-142,490; WR-171,669; WR-172,435; WR-154,904; WR-180,409) using the owl monkey/Plasmodium falciparum model system

α-(2-Piperidyl)-2,8-(bis-trifluoromethyl)-4-quinolinemethanol, hydrochloride (WR-142,490)
Schmidt, L. H., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (4), 446-474
Plasmodium falciparum and Plasmodium vivax in Aotus trivirgatus as model systems for chemotherapeutic studies, handling of animals, course of infections and response to standard antimalarial drugs compared with that in man, use of model in assessing activities of new agents and drug resistance

Mefloquine -- Continued.

Mefloquine hydrochloride
Sherman, I. W.; and Jones, L. A., 1976, J. Protozool., v. 23 (2), 277-281
Plasmodium lophurae, reliable procedure for isolation of active ribosomes, optimal requirements for in vitro synthesis of proteins, effects of variety of drugs on duck reticulocyte and plasmodial ribosomes in cell-free protein-synthesizing systems (restricted selectivity not obtained)

Mefloquine hydrochloride. See Mefloquine.

Megalomicin A phosphate
Panitz, E., 1974, Proc. Helminth. Soc. Washington, v. 41 (1), 111-112
Eimeria tenella, chicks, megalomicin complex, anticoccidial activity, effect of structural changes of components

Melaminylphenylstibonic acid -- MSbE.

MSbE
Barrowman, P. R., 1976, Onderstepoort J. Vet. Research, v. 43 (2), 55-65
Trypanosoma equiperdum in naturally infected horses, transmission studies, clinical symptoms and lesions, localization of parasite, host immune response, methods for parasite detection, varying results of chemotherapy with MSbE; attempts to infect rats, rabbits, and a dog were unsuccessful: South Africa

Melarsen -- Disodium-p-melaminylphenylarsonate; Melarsen oxide; Melarsen sodium.

Melarsen oxide
Fairlamb, A. H.; and Bowman, I. B. R., 1977, Exper. Parasitol., v. 43 (2), 353-361
Trypanosoma brucei, effect of suramin and other trypanocidal compounds on sn-glycerol-3-phosphate oxidase, results suggest this enzyme is one of principal sites of action of suramin in vivo

Melarsen sodium
Goldberg, B.; et al., 1974, J. Protozool., v. 21 (2), 322-326
Leptomonas sp., inhibition by several standard antiprotozoal drugs of growth and oxygen uptake of cells and particulate preparations, possible use as model organism for screening antitrypanosomatid agents as compared to Crithidia fasciculata

Melarsen
Rane, L.; Rane, D. S.; and Kinnamon, K. E., 1976, Am. J. Trop. Med. and Hyg., v. 25 (3), 395-400
Trypanosoma rhodesiense, test system to evaluate large numbers of candidate drugs based on mortality of mice with blood-induced infections, serves as primary screen or as secondary and confirmatory test for active compounds

Melarsen oxide. See Melarsen.

Melarsen sodium. See Melarsen.

Melarsonyl potassium -- Mel W; Pentylthiarsaphenylmelamine; Trimelarsen.

Mel W (Trimelarsen; Pentylthiarsaphenylmelamine)
Grewal, A. S.; and Gill, B. S., 1976, Indian J. Animal Sc., v. 45 (1), 1975, 36-39
Trypanosoma evansi, rats (exper.), 4 arsenicals, effect on trypanosome morphology and infectivity in vivo (mice)

Melarsoprol -- Arsobal; 2-[4-(4,6-Diamino-1,3,5-triazin-2yl) aminophenyl]4-hydroxymethyl-2-arso-1,3-dithiacyclopentane; Mel B.

Arsobal (Mel B)
Bertrand, E.; et al., 1973, Medecine Trop., v. 33 (4), 385-390
arsobal treatment of human African trypanosomiasis resulting in arsenical encephalitis, case reports, medical treatment

Mel B (Arsobal)
Bertrand, E.; et al., 1974, Medecine Trop., v. 34 (4), 485-494
Trypanosoma gambiense, recommended treatment methods for various clinical entities in human trypanosomiasis

Arsobal + Adrenal cortical hormones
Bertrand, E.; and Rive, J., 1973, Medecine Trop., v. 33 (3), 279-282
human African trypanosomiasis, changes in cerebrospinal fluid and inflammatory reaction before and after arsobal-corticoide treatment

Mel B
Buyst, H., 1976, Tr. Roy. Soc. Trop. Med. and Hyg., v. 70 (2), 163-164
congenital Trypanosoma rhodesiense infection in premature baby successfully treated with suramin and supportive measures; guidelines for similar therapy for T. gambiense infections: Zambia

Melarsoprol (Arsobal)
Cristau, B.; Placidi, M.; and Legait, J. P., 1975, Medecine Trop., v. 35 (5), 389-401
human trypanosomiasis, melarsoprol metabolism and amount of excretion in urine and feces

Arsobal
Duchene, R.; et al., 1974, Nouv. Presse Med., v. 3 (8), 457 [Letter]
trypanosomiasis contracted by woman who had never travelled outside of France, illness cured with arsobal, case report, etiology remains unknown: Haguenau

Melarsoprol -- Continued.

Arsobal (Mel B)
Dumas, M.; Girard, P. L.; and N'Diaye, I. P., 1976, Medecine Afrique Noire, v. 23 (1), 39-41
human African trypanosomiasis, guidelines for supportive hospital treatment and therapy with arsobal

Melarsoprol
Goodwin, L. G.; and Tierney, E. D., 1977, Parasitology, v. 74 (1), 33-45
Trypanosoma brucei, T. evansi, bioassay technique for titration of trypanocidal activity in microtest plates using very small samples, use to study activity of plasma and tissue fluid from normal and infected rabbits treated with curative drugs, activity higher in samples from infected rabbits due to participation of immune response

Melarsoprol (Mel B)
Greenwood, B. M.; and Whittle, H. C., 1976, Clin. and Exper. Immunol., v. 24 (1), 133-138
Trypanosoma brucei gambiense, humans, evidence that complement activation plays a role in pathogenesis of Gambian sleeping sickness: low levels of complement components C3, C4, and factor B in sera, high serum IgM levels, possible formation of large molecular weight IgM complexes, increase in serum C3 levels after melarsoprol treatment

Mel B
Lowenthal, M. N., 1971, Med. J. Zambia, v. 5 (5), 175, 177-178
successful treatment of pregnant woman infected with trypanosomiasis using antrypol and Mel B, new-borne infant in good health without abnormalities: Zambia

Melarsoprol
Rane, L.; Rane, D. S.; and Kinnamon, K. E., 1976, Am. J. Trop. Med. and Hyg., v. 25 (3), 395-400
Trypanosoma rhodesiense, test system to evaluate large numbers of candidate drugs based on mortality of mice with blood-induced infections, serves as primary screen or as secondary and confirmatory test for active compounds

Melarsoprol
Walker, P. J.; and Opiyo, E. A., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (2), 281-282 [Abstract]
Trypanosom[a] brucei, T. rhodesiense, mice, effect of parasite burden on curative dose of trypanocides, possible source of variation in results of in vivo drug tests

Mel B
Woodruff, A. W.; et al., 1976, Tr. Roy. Soc. Trop. Med. and Hyg., v. 70 (1), 21 [Demonstration]
African trypanosomiasis in man associated with anemia, infection eradicated with mel B therapy after unsuccessful course of suramin

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Mel B. See Melarsoprol.

Mel W. See Melarsonyl potassium.

Menichlophalan. See Niclofolan.

Menichlopholan. See Niclofolan.

Menoctone -- 2-Hydroxy-3-(8-cyclohexyloctyl)-1,4-naphthoquinone; WR 49,808.

Menoctone
McHardy, N.; Haigh, A. J. B.; and Dolan, T. T., 1976, Nature, London (5562), v. 261, 698-699
Theileria parva, drug screening in vitro, only Menoctone showed appreciable activity, subsequent tests in cattle artificially infected with ECF confirmed activity of Menoctone against the disease, mode of action not clear but seems to act against schizont or earlier stages and probably along a widely occurring biochemical pathway

Menoctone
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

Menoctone (WR 49,808)
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

Menoctone
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

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Menoctone, 1,2,4-acetylated -- WR 131,836.

WR 131,836
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

Menoctone, 1,2,4-acetylated (WR 131,836)
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

Menthan-(3-spiro-5)-hydantoin
Heischkeil, R., 1973, Ztschr. Tropenmed. u. Parasitol., v. 24 (4), 505-516
Plasmodium vinckei, chemotherapeutic activity of selected antagonists of folic acid metabolism with special reference to structure-activity relationships, comparison with some standard antimalarials; some compounds also exert noxious effect on host

Mepacrine. See Quinacrine.

Mepacrine hydrochloride. See Quinacrine.

Mepacrine methane-sulphonate. See Quinacrine.

Mepartricin -- Methyl partricin; Partricin methyl ester; SPA-S-160; SPA-S-222 (with Sodium laurylsulphate); Tricandil.

Mepartricin + Sodium laurylsulphate (=SPA-S-222)
Bruzzese, T.; et al., 1976, Farmaco, Pavia, ed. Scient., v. 31 (4), 291-296
potential oral effectiveness of mepartricin complex against human Trichomonas vaginalis in laboratory trials with mice and limited human clinical trials

Methyl-partricin
Forgacs, J.; and Tarnoczy, P., 1973, Minerva Ginec., v. 25 (4), 210-217
Trichomonas vaginalis vaginitis and mixed moniliasis infections, humans, use of vaginal methyl-partricin compared with control protozoacides; metronidazole superior for single infections, methyl-partricin for mixed infections

Methyl partricin (SPA-S-160; Tricandil)
Hauser, G. A., 1975, Praxis, Bern, v. 64 (31), 1002-1005
human vaginal trichomoniasis, good results in treatment trials using methyl partricin although comparative use of metronidazole gave better results

Methyl-partricin (Tricandil)
Iannino, A.; and Testa, P., 1975, Minerva Ginec., v. 27 (11), 929-932
human Trichomonas vaginalis vaginitis, clinical trials comparing local application of methyl-partricin with metronidazole

Methylpartricin (SPA-S-160)
Moggian, G.; and Sabetta, C., 1972, Minerva Ginec., v. 24 (6), 320-326
human Trichomonas vaginalis vaginitis, good results with local application of methylpartricin

Methyl-partricin
Perju, A.; Boteanu, S.; and Radulescu, G., 1975, Minerva Ginec., v. 27 (9), 733-738
human Trichomonas vaginalis vaginitis and mixed moniliasis infections, clinical trials with methyl-partricin as vaginal suppositories

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Mepharsen. See Oxophenarsine.

Mepharside. See Oxophenarsine.

Mephenytoin -- Mesantoin; Phenyl-ethyl-N-methylhydantoin.

Mephenytoin (Mesantoin)
Heischkeil, R., 1973, Ztschr. Tropenmed. u. Parasitol., v. 24 (4), 505-516
Plasmodium vinckei, chemotherapeutic activity of selected antagonists of folic acid metabolism with special reference to structure-activity relationships, comparison with some standard antimalarials; some compounds also exert noxious effect on host

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Mercaptophos. See Fenthion.

2-Mercaptopurine
Irvin, A. D.; and Young, E. R., 1977, Nature, London (5627), v. 269, 407-409
Babesia spp., in vitro test for screening drug activity which exploits finding that Babesia parasites readily incorporate hypoxanthine in an in vitro culture system, may also be used to detect drug resistance patterns and have possible application in primary screening of antimalarial drugs

6-Mercaptopurine
Irvin, A. D.; and Young, E. R., 1977, Nature, London (5627), v. 269, 407-409
Babesia spp., in vitro test for screening drug activity which exploits finding that Babesia parasites readily incorporate hypoxanthine in an in vitro culture system, may also be used to detect drug resistance patterns and have possible application in primary screening of antimalarial drugs

6-Mercaptopurine
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

6-Mercaptopurine
Warhurst, D. C.; Homewood, C. A.; and Baggaley, V. C., 1974, Ann. Trop. Med. and Parasitol., v. 68 (3), 265-281
Plasmodium berghei, erythrocytic forms in vitro, technique for study of autophagic vacuole formation (pigment clumping), effect of chloroquine alone or with various cytotoxic drugs

Mercury, yellow oxide
Orkin, M.; Epstein, E.; and Maibach, H. I., 1976, J. Am. Med. Ass., v. 236 (10), 1136-1139
extensive review of treatment and control of human scabies and pediculosis

Mesantoin. See Mephenytoin.

Metachloridine
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

Metachloridine
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

Metachloridine
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

Metation E 50. See Fenitrothion.

Methanol
Ito, S.; et al., 1975, Japan. J. Vet. Sc., Tokyo, v. 37 (3), 229-234
Toxoplasma, strains from cats infected with Isospora bigemina, oocysticidal effect of disinfectants, alcohols and other chemicals, only Lomasept, Neo Kurehasol, ethanol, methanol, peracetic acid, ammonia water, ammonium sulfide, and formalin were effective

Methiotriazamine -- Trithiadol (with Bithionol and Calcium sulfate).

Trithiadol
McLoughlin, D. K.; and Chute, M. B., 1973, Avian Dis., v. 17 (4), 717-721
Eimeria tenella, chickens (exper.), nequinate, good results against a sensitive strain and strains resistant to non-quinoline coccidiostats, development of nequinate-resistant strain, cross-resistance study

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Methoprene -- Altosid; Altosid IGR; Isopropyl-11-methoxy-3,7,11-trimethyl-2,4-dodecadienoate; Isopropyl-(E,E)-11-methoxy-3,7,11-trimethyl-2,4-dodecadienoate; ZR-515.

Methoprene
Barker, R. W.; and Butler, J. F., 1977, J. Georgia Entom. Soc., v. 12 (4), 342-346
methoprene and phenothiazine mineral blocks provided free of choice to cattle, inhibited development of Haematobia irritans in manure, field evaluation

Methoprene
Chamberlain, W. F.; and Becker, J. D., 1977, Southwest. Entom., v. 2 (4), 179-182
Xenopsylla cheopis, inhibition of cocoon formation and adult emergence by insect growth regulators, possible means of control

Methoprene -- Continued.

Methoprene
Drummond, R. O.; et al., 1977, J. Econom. Entom., v. 70 (2), 176-178
Hypoderma lineatum, cattle, efficacy of 5 animal systemic insecticides, log-probit analysis, good results; methoprene in drinking water did not prevent larvae from encapsulating in backs of cattle, but prevented adults from emerging from pupae: Texas

Methoprene
Eschle, J. L.; Miller, J. A.; and Schmidt, C. D., 1977, Nature, London (5592), v. 265, 325-326
Haematobia irritans, cattle, attempted control by combined effect of an insect growth regulator (methoprene) in drinking water plus release of sterile males: Molokai, Hawaii

Methoprene
Gingrich, A. R.; and Hopkins, D. E., 1977, J. Econom. Entom., v. 70 (1), 107-108
Haematobia irritans, 3rd-instars exposed to insect growth regulator, methoprene, adult emergence inhibited, no effect on 1st-, 2nd-instars or pupae

Altosid
Mansingh, A.; and Rawlins, S. C., 1977, Naturwissensch., v. 64 (1), 41
Boophilus microplus, antigonadotropic action of insect hormone analogues, inhibition of oviposition, mortality

Methoprene
Miller, J. A.; et al., 1976, J. Econom. Entom., v. 69 (3), 330-332
methoprene, insect growth regulator, applied to drinking water of cattle, inhibited development of Haematobia irritans in manure

Methoprene
Miller, J. A.; et al., 1977, J. Econom. Entom., v. 70 (5), 589-591
Haematobia irritans, cattle, control by sustained-release bolus formulation containing 1% methoprene, bolus retained in reticulum, inhibited development of H. irritans in manure for 10-12 weeks

Methoprene (Altosid IGR)
Paysinger, J. T.; and Adkins, T. R., jr., 1977, J. Georgia Entom. Soc., v. 12 (3), 255-260
Haematobia irritans, cattle fed methoprene in mineral supplements, decrease of adult horn fly counts on cattle and adult emergence in fecal samples

Methoprene
Takahashi, M.; and Ohtaki, T., 1975, Eisei Dobutsu (Japan. J. San. Zool.), v. 26 (4), 237-239
Pediculus humanus corporis, Cimex lectularius, ovicidal effects of methoprene and hydroprene, juvenile hormone analogs; methoprene less effective on P. humanus corporis, more effective on C. lectularius

Methoprene -- Continued.

Isopropyl (E,E)-11-methoxy-3,7,11-trimethyl-2,4-dodecadienoate = ZR-515; Methoprene
Younger, R. L.; et al., 1975, J. Med. Entom., v. 12 (5), 517-524
Hypoderma, cattle yearlings treated topically with 5 juvenile hormone analogues, development of enlarged warbles with accumulated exudate, isolation of alpha hemolytic streptococci, no definitive changes in serum chemistry or haematological values, no acute toxic effects

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Methotrexate -- Amethopterin; 4 Amino-N^{10}-methyl-pteroyl-glutamic acid; Methotrexate sodium.

Methotrexate (Methotrexate sodium)
Campbell, W. C.; and Blair, L. S., 1975, J. Parasitol., v. 61 (6), 1116-1117
Trichinella spiralis, failure to confirm reported lethal effect of cytotoxic drugs on encapsulated larvae in mice

Amethopterin (Methotrexat)
Heischkeil, R., 1973, Ztschr. Tropenmed. u. Parasitol., v. 24 (4), 505-516
Plasmodium vinckei, chemotherapeutic activity of selected antagonists of folic acid metabolism with special reference to structure-activity relationships, comparison with some standard antimalarials; some compounds also exert noxious effect on host

Methotrexate
Irvin, A. D.; and Stagg, D. A., 1977, Exper. Parasitol., v. 41 (1), 172-185
Theileria parva-infected bovine lymphoid cells, apparent defect in purine metabolism suggests that folate antagonists such as aminopterin and methotrexate may have application in therapy of East Coast fever

Methotrexate
Kammerer, W. S.; and Perez-Esandi, M. V., 1975, Am. J. Trop. Med. and Hyg., v. 24 (1), 90-95
chemotherapeutic trials using 8 different drugs unsuccessful in treating exper. Echinococcus granulosus infections in mice and jirds

Methotrexate
Wang, C. C.; Stotish, R. L.; and Poe, M., 1975, J. Protozool., v. 22 (4), 564-568
Eimeria tenella oocysts, dihydrofolate reductase, isolation and purification, kinetic parameters and molecular weight estimate; pyrimethamine is potent inhibitor of activity of E. tenella dihydrofolate reductase but less effective inhibitor of dihydrofolate reductase of chicken liver, difference may explain in vivo therapeutic action of pyrimethamine, opposite results with methotrexate

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Methotrexate sodium. See Methotrexate.

6-Methoxy-8-aminoquinoline
Fletcher, K. A.; Canning, M. V.; and Gilles, H. M., 1977, Tr. Roy. Soc. Trop. Med. and Hyg., v. 71 (2), 111-112 [Demonstration]
primiquine metabolites, analysis of possible effects on human erythrocytes

Methoxycarbonylamino benzimidazole
Campbell, W. C.; McCracken, R. O.; and Blair, L. S., 1975, J. Parasitol., v. 61 (5), 844-852
Echinococcus multilocularis in mice and cotton rats, Taenia crassiceps in mice, effect of benzimidazole compounds on metacestodes, comparison of intraperitoneal, subcutaneous, and oral inoculation

Methoxychlor -- Marlate 50; Mitecide Otic Solution (with Hexachlorophene and Pyrethrin).

Methoxychlor
Easton, E. R.; and Krantz, G. W., 1973, J. Med. Entom., v. 10 (2), 225-226
Euschoengastia n. sp. 8, recovered from several hosts, possible public health importance, habitat, seasonal variance; control on horse with application of methoxychlor solution: Oregon

Methoxychlor
Guttowa, A., 1976, Bull. Acad. Polon. Sc., Cl. II., s. Sc. Biol., v. 24 (12), 759-764
Fasciola hepatica and Triaenophorus nodulosus embryos, effect of methoxychlor on survival and respiratory metabolism

Methoxychlor dust (Marlate 50)
Keh, B.; and Hawthorne, R. M., 1977, J. Zoo Animal Med., v. 8 (4), 19-24
Hippobosca longipennis on imported Acinonyx jubatus, attempted control with various insecticidal dusts, good results and complete eradication with carbaryl + sulfur; importance of detecting and eliminating future foci of imported H. longipennis: San Pasqual Wild Animal Park, California, imported from East Africa

Methoxychlor
Rawlins, S. C.; and Mansingh, A., 1977, PANS, v. 23 (2), 137-142
Boophilus microplus, Jamaican strain, susceptibility to 35 acaricides, carbamates more effective than organophosphates or formamidines, chlorinated hydrocarbons least effective, comparison of resistance pattern with susceptible and resistant Australian strains

Methoxychlor + Hexachlorophene + Pyrethrin (= Mitecide Otic Solution)
Scott, D. W., 1977, Feline Pract., v. 7 (3), 47-50
drug eruption in a cat due to a mitecide

Methoxychlor
Spradbery, J. P.; Sands, D. P. A.; and Bakker, P., 1976, Austral. Vet. J., v. 52 (6), 280-284
Chrysomya bezziana, cattle, comparison of insecticides AM 18074 P; AMP 18074 N; methoxychlor; EQ 335

2-Methoxy-6-chloro-9-(4'-diethylamino-1'-methylbutylamino)-acridine. See Quinacrine.

8-Methoxy-5,6-dihydro-4-imidazo[i,j]quinolines, 2 substituted
Carroll, F. I.; et al., 1976, J. Med. Chem., v. 19 (9), 1111-1119
Plasmodium berghei-infected mice, Plasmodium cynomolgi-infected rhesus monkeys, laboratory trials with reduced 8-aminoquinoline analogues

2-(2 Methoxyethyl) pyridine. See Methyridine.

6-(N'-Methoxymethyl-ureido)-purine
Heischkeil, R., 1974, Tropenmed. u. Parasitol., v. 25 (1), 105-115
Plasmodium vinckei, mice, purine and pyrimidine derivatives, antimetabolic activity against structurally analogous vitamins of the B complex and precursors of nucleic acids, plasmodiostatic activity compared to some standard antimalarials

9-(2-Methoxyphenyl)-2,6-dimethyl-2,6-monadiene
Boisvenue, R. J.; Emmick, T. L.; and Galloway, R. B., 1977, Exper. Parasitol., v. 42 (1), 67-72
Haemonchus contortus, some compounds with juvenile hormone activity inhibited in vitro development of infective larvae, none of these compounds had anthelmintic properties against Ascaris suum or Nematospiroides dubius in mice

9-(3-Methoxyphenyl)-2,6-dimethyl-2,6-monadiene
Boisvenue, R. J.; Emmick, T. L.; and Galloway, R. B., 1977, Exper. Parasitol., v. 42 (1), 67-72
Haemonchus contortus, some compounds with juvenile hormone activity inhibited in vitro development of infective larvae, none of these compounds had anthelmintic properties against Ascaris suum or Nematospiroides dubius in mice

9-(4-Methoxyphenyl)-2,6-dimethyl-2,6-monadiene
Boisvenue, R. J.; Emmick, T. L.; and Galloway, R. B., 1977, Exper. Parasitol., v. 42 (1), 67-72
Haemonchus contortus, some compounds with juvenile hormone activity inhibited in vitro development of infective larvae, none of these compounds had anthelmintic properties against Ascaris suum or Nematospiroides dubius in mice

6-Methoxyquinoline-3-derivatives
Djudovic, P.; et al., 1976, Pharmazie, v. 31 (12), 845-849
quinoline-3-, 6-methoxyquinoline-3-, and quinoxaline-2-derivatives, synthesis, activity against drug-sensitive and resistant strains of Plasmodium spp. in white mice and canaries, comparison with known antimalarials

6-Methoxy-8-quinolyl-sulfamoylethyl-2,4-dihydroxy-3,3'-dimethyl butyramide -- WR 54,036.

WR 54,036
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

4-Methoxy-6-sulfanilamidopyrimidine monohydrate. See Sulfamonomethoxine.

8-Methylamino-8-norriboflavine
Graham, D. W.; et al., 1977, Experientia, v. 33 (10), 1274-1276
Eimeria tenella, E. acervulina, anticoccidial activity of riboflavine antagonists

Methyl-2-benzimidazole carbamate phosphate (MBC phosphate)
Harvey, G. T.; and Gaudet, P. M., 1977, Canad. Entom., v. 109 (7), 987-993
Nosema fumiferanae in Choristoneura fumiferana in laboratory culture, benomyl, MBC phosphate, both not very effective in controlling microsporidian levels but had detrimental effects on budworm development and survival (reduced percentage of fertile matings and egg eclosions; male budworms more drug sensitive than females)

Methyl benzoquate -- Lerbek (with Clopidol); MBQ; Nequinate; Statyl.

Methyl benzoquate + Clopidol (=Lerbek)
Chapman, H. D., 1976, Avian Path., v. 5 (4), 283-290
Eimeria tenella, E. acervulina, E. maxima, incidence in broiler house used for commercial drug trials, resistance to various anticoccidials

Methyl benzoquate
Chapman, H. D., 1976, Vet. Parasitol., v. 1 (4), 299-308
Eimeria tenella, delayed treatment used to study mode of action of 7 anticoccidial drugs in the chicken and chicken embryo

Methyl-benzoquate + Clopidol
Foure, N.; et al., 1974, Bull. Inform. Station Exper. Avicult. Ploufragan (Cotes-du-Nord), v. 14 (3), 51-56
Eimeria tenella, E. necatrix, E. acervulina, Clopidol + methyl-benzoquate, presence of fully sensitive or double resistant strains

Methyl-benzoquate (Statyl)
Foure, N.; and Bennejean, G., 1974, Bull. Inform. Station Exper. Avicult. Ploufragan (Cotes-du-Nord), v. 14 (3), 57-60
Eimeria, chickens, Halofuginone, comparison with methyl-benzoquate and Clopidol, good results

Methyl benzoquate
Joyner, L. P.; and Norton, C. C., 1975, J. Protozool., v. 22 (3), 52A-53A [Abstract]
Eimeria maxima, transfer of drug resistance from one strain to another when passaged together in chicks

Methyl benzoquate
Joyner, L. P.; and Norton, C. C., 1977, Parasitology, v. 74 (2), 205-213
Eimeria maxima, genetic transfer of drug resistance, results support view that drug resistance factors are transferred at zygote formation, phenomenon took place between variants of the same species (Eimeria maxima var. indentata) but not between different species (Eimeria brunetti), transference not affected by treatment with acriflavine

Methyl benzoquate -- Continued.

Methylbenzoquate (MBQ)
Kuil, H.; and Dankert-Brands, S., 1976, Vet. Parasitol., v. 2 (3), 293-298
Eimeria tenella, E. maxima, development of indirect fluorescent antibody titers in infected chickens fed rations medicated with metichlorpindol and/or methylbenzoquate, concluded that development of parasite is necessary to stimulate host to produce circulating fluorescent antibodies

Methyl benzoquate
Long, P. L., 1973, Folia Vet. Latina, v. 3 (1), 89-109
Eimeria tenella, Eimeria mivati, cultured in chick embryos, technique for screening

Nequinate
McLoughlin, D. K.; and Chute, M. B., 1973, Avian Dis., v. 17 (4), 717-721
Eimeria tenella, chickens (exper.), nequinate, good results against a sensitive strain and strains resistant to non-quinoline coccidiostats, development of nequinate-resistant strain, cross-resistance study

Nequinate
Mylari, B. L.; et al., 1977, J. Med. Chem., v. 20 (4), 475-483
Eimeria spp. in chickens, 1-benzyl-6-azauracils as potential new anticoccidials, comparison trials with several experimental and commercial anticoccidials

Methyl benzoquate
Ryley, J. F.; and Wilson, R. G., 1976, Parasitology, v. 73 (2), 137-148
Eimeria tenella, practical considerations involved in screening drugs in cell culture and in the chicken, analysis for incidence of anticoccidial activity and host cell toxicity based on 11,550 compounds screened in vitro, correlation of activity in vitro and in vivo attempted, results show that screening compounds in vitro is not satisfactory or reliable alternative to screening in chickens, but in vitro studies can play a part in evaluation of active drugs

Methyl benzoquate
Shirley, M. W.; Millard, B. J.; and Long, P. L., 1977, Parasitology, v. 75 (2), 165-176
Eimeria acervulina var. diminuta and Eimeria acervulina var. mivati compared, growth in vitro, response to anticoccidial drugs, electrophoretic mobility profiles of four enzymes

Methyl benzoquate
Wang, C. C., 1976, Biochem. Pharmacol., v. 25 (3), 343-349
Eimeria tenella, relationship of respiration to sporulation and excystation, inhibition of respiration during sporulation and excystation by quinolone coccidiostats, amquinate-resistant strain much less subject to inhibition by quinolones, 2-hydroxynaphthoquinone coccidiostats are equally effective inhibitors against wild type and amquinate-resistant mutant

Methyl benzoquate -- Continued.

Methyl benzoquate
Wilson, R. G., 1976, Parasitology, v. 73 (3), 283-286
Eimeria tenella, short-term application of 6 drugs in tissue culture, evaluation of coccidiocidal vs. coccidiostatic effect, necessity of monitoring technique to confirm drug withdrawal, importance of realistic level of drug dose

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Methyl 5-benzoyl benzimidazole-2-carbamate. See Mebendazole.

Methyl-5(6)-benzoyl-2 benzimidazole carbamate. See Mebendazole.

Methyl-N-[5(6)-benzoyl-2-benzimidazolyl] carbamate. See Mebendazole.

alpha-Methylbenzyl 3-(dimethoxy-phosphinyloxy)-cis-crotonate. See Crotoxyphos.

p-Methylbenzyltriphenyl-phosphonium chloride (WR 132,504)
Kinnamon, K. E.; et al., 1977, J. Med. Chem., v. 20 (6), 741-744
Trypanosoma cruzi in mouse model, evaluation of potential antitrypanosomal compounds for suppressive activity equal to or greater tha nifurtimox used as reference compound

Methyl bromide
Burden, D. J.; et al., 1976, J. Hyg., Cambridge, v. 77 (3), 377-382
Trichuris trichiura in humans, soil fumigants applied to contaminated soil of no value in killing parasite ova, eggs on untreated soil had only 20% viability after 1 months; difetarsone equally unsuccessful in treatment of children thought to be source of contaminated soil: Great Britain

Methyl bromide
Gladney, W. J., 1976, ARS-S (102), 5 pp.
Boophilus annulatus, B. microplus, tests of fumigants for quarantine station control, particularly for hunting trophies, methyl bromide superior to dichlorvos

Methyl 5-butyl-2-benzimidazole-carbamate. See Parbendazole.

Methyl-5(6)-butyl-2-benzimidazole carbamate. See Parbendazole.

Methyl-1-[butylcarbamoyl]-2-benzimidazole carbamate. See Benomyl.

Methylcarbamate powder (Kemic Flea and Tick Powder)
Fox, J. G.; and Hewes, K., 1976, J. Am. Vet. Med. Ass., v. 169 (3), 332-333
Cheyletiella sp. resembling Cheyletiella blakei infections found in domestic cats (on skin or in feces) from a commercial supplier, no clinical signs, successful treatment with Kemic Flea and Tick Powder and dichlorvos-impregnated strip in room

1-Methyl-2-carbamoyloxymethyl-5-nitroimidazole.
  See Ronidazole.

Methyl-5-cyclopropylcarbonyl-2-benzimidazole
  carbamate. See Cyclobendazole.

2-Methyl-6-(4-diethylamino-1-methylbutylamino)-5,8-dimethoxyquinoline (B 505)
  Fink, E.; et al., 1973, Prog. Med., Paris, v. 101 (7), 281 [Abstract]
    Plasmodium berghei yoelii, mice (exper.), establishment of mean causal prophylactic dose of selected antimalarial and experimental compounds

Methyl 3,7-dimethyl-2,6-octadienoate
  Boisvenue, R. J.; Emmick, T. L.; and Galloway, R. B., 1977, Exper. Parasitol., v. 42 (1), 67-72
    Haemonchus contortus, some compounds with juvenile hormone activity inhibited in vitro development of infective larvae, none of these compounds had anthelmintic properties against Ascaris suum or Nematospiroides dubius in mice

N-Methylemetine
  Entner, N.; and Grollman, A. P., 1973, J. Protozool., v. 20 (1), 160-163
    Entamoeba histolytica, effect of amebicidal agents on protein synthesis, correlation of drug structural characteristics with biologic activity, implications for designing drugs with increased margin of selective toxicity for parasite vs. host

Methylene blue
  Antychowicz, J., 1977, Bull. Vet. Inst. Pulawy, v. 21 (1-2), 35-43
    Ichthyophthirius multifiliis, influence of copper sulphate, malachite green, methylene blue, trypan blue and Neguvon on development

Methylene blue
  Roegge, M. A.; Rutledge, W. P.; and Guest, W. C., 1977, Aquaculture, v. 12 (2), 137-140
    Zoothamnium sp. on larval Macrobrachium acanthurus, chemical control: copper sulfate, dylox, methylene blue, terramycin, combiotic, potassium permanganate, Roccal, nitrofurazone, and malachite green showed little control or were toxic to larvae; formalin at 50 ppm gave complete control, and had no ill effects on larvae: aquaculture, Kerr County, Texas

Methyl 6,7-epoxy-3,7-dimethyl-2-octenoate
  Boisvenue, R. J.; Emmick, T. L.; and Galloway, R. B., 1977, Exper. Parasitol., v. 42 (1), 67-72
    Haemonchus contortus, some compounds with juvenile hormone activity inhibited in vitro development of infective larvae, none of these compounds had anthelmintic properties against Ascaris suum or Nematospiroides dubius in mice

Methyl 10,11-epoxy-7-ethyl-3,11-dimethyl-2,6-tridecadienoate (JH-I)
  Chamberlain, W. F.; and Becker, J. D., 1977, Southwest. Entom., v. 2 (4), 179-182
    Xenopsylla cheopis, inhibition of cocoon formation and adult emergence by insect growth regulators, possible means of control

Methyl 10,11-epoxy-7-ethyl-3,11-dimethyl-2,6-tridecadienoate
  Chamberlain, W. F.; Hopkins, D. E.; and Gingrich, A. R., 1976, Southwest. Entom., v. 1 (1), 1-8
    Bovicola limbatus, Angora goats, growth regulators, spray vs. pour on

Methyl 10,11-epoxy-7-ethyl-3,11-dimethyl-2,6-tridecadienoate
  Injeyan, H. S.; and Meerovitch, E., 1974, J. Protozool., v. 21 (5), 738-742
    Crithidia sp., inhibition of overall growth and macromolecular synthesis by juvenile hormone, inhibition of RNA synthesis of particular interest, implications for mode of action in insect systems

Methyl 10,11-epoxy-7-ethyl-3,11-dimethyl-2,6-tridecadienoate (RO 06-9550)
  Meleney, W. P.; and Roberts, I. H., 1975, J. Parasitol., v. 61 (5), 956-959
    3 insect juvenile hormone mimics used as sprays for control of Haematopinus eurysternus on cattle resulted in significant reduction of lice and in concomitant severe skin lesions associated with death or incomplete development of Hypoderma sp., therefore unsafe for use on mature cattle harboring both grubs and lice

Methyl 10,11-epoxy-7-ethyl-3,11-dimethyl-2,6-tridecadienoate = RO 6-9550
  Younger, R. L.; et al., 1975, J. Med. Entom., v. 12 (5), 517-524
    Hypoderma, cattle yearlings treated topically with 5 juvenile hormone analogues, development of enlarged warbles with accumulated exudate, isolation of alpha hemolytic streptococci, no definitive changes in serum chemistry or haematological values, no acute toxic effects

Methyl 10,11-epoxy-3,7,11-trimethyl-2,6-dodecadienoate
  Boisvenue, R. J.; Emmick, T. L.; and Galloway, R. B., 1977, Exper. Parasitol., v. 42 (1), 67-72
    Haemonchus contortus, some compounds with juvenile hormone activity inhibited in vitro development of infective larvae, none of these compounds had anthelmintic properties against Ascaris suum or Nematospiroides dubius in mice

Methyl 10-11-epoxy-3,7,11-trimethyl-2,6-dodecadienyl ether
  Boisvenue, R. J.; Emmick, T. L.; and Galloway, R. B., 1977, Exper. Parasitol., v. 42 (1), 67-72
    Haemonchus contortus, some compounds with juvenile hormone activity inhibited in vitro development of infective larvae, none of these compounds had anthelmintic properties against Ascaris suum or Nematospiroides dubius in mice

3-Methyl-6-[7(R)-ethyl-4(S)-hydroxy-3(R),5(S)-dimethyl-6-oxo-7-[5(S)-ethyl-3(S)-methyl-5-(5(R)-ethyl-5-hydroxy-6(S)-methyl-2-tetrahydropyranyl)-2(R)-tetrahydrofuryl]heptyl}-salicylic acid. See Lasalocid.

1-Methyl-2-(p-fluorophenyl)-5-nitroimidazole -- "MF" nitroimidazole; MK-910.

"MF" nitroimidazole
  Chappel, L. R., 1975, Avian Dis., v. 19 (4), 679-682
    HmL1 strain of Histomonas meleagridis, chicks, pathogenicity; three 1,2-disubstituted 5-nitroimidazoles tested to demonstrate applicability of disease model to chemotherapy

1-Methyl-2-(p-fluorophenyl)-5-nitroimidazole (MK-910)
  Meingassner, J. G.; and Mieth, H., 1976, Experientia, v. 32 (2), 183-184
    Tritrichomonas foetus, induction of metronidazole resistance, marked cross-resistance to other 5-nitroimidazole-derivatives in vitro and in vivo

"MF" nitroimidazole (MK 910)
  Pieri, F.; and Andre, L. J., 1974, Medecine Trop., v. 34 (2), 290-294
    comparative study of amoebicidal drugs and their therapeutic effects

M.K. 910
  Vakil, B. J.; and Dalal, N. J., 1974, Progr. Drug Research, v. 18, 353-364
    Entamoeba histolytica, humans, techniques for comparative evaluation of amoebicidal drugs: sites of action, efficacy, side effects, and toxicity

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N-Methyl-glucamine antimoniate -- Glucantime.

Glucantime
  Boutet, B.; et al., 1974, Medecine et Armees, v. 2 (3), 243-246
    human cutaneous leishmaniasis of lupoid form, diagnostic difficulties, case report, glucantime

N-Methyl-glucamine antimoniate
  Colella, G.; and Casamassima, E., 1975, Vet. Ital., v. 26 (9-12), 393-402
    leishmaniasis, incidence in dogs, treatment with N-methyl-glucamine antimoniate: province of Matera, Italy

Glucantime
  Giauffret, A.; Sanchis, R.; and Vitu, C., 1976, Rev. Med. Vet., Toulouse, v. 127 (6), 913-930
    Leishmania, canine, diagnosis by immunofluorescence, prognosis, treatment with Glucantime, review

Glucantime
  Hanson, W. L.; Chapman, W. L., jr.; and Kinnamon, K. E., 1977, Internat. J. Parasitol., v. 7 (6), 443-447
    Leishmania donovani in Mesocricetus auratus model, existing procedure modified to make possible screening of 10-15 selected compounds per week for antileishmanial activity, glucantime used as reference compound

N-Methyl-glucamine antimoniate -- Continued.

Glucantime
  Kutar, K.; Birol, K.; and Kilic, Y., 1974, Mikrobiyol. Bul., v. 8 (3), 277-292
    Leishmania donovani, adult type kala-azar in children, increasing incidence, differential diagnosis, clinical management, glucantime: Turkey

Glucantime
  Sanchis, R.; Vitu, C.; and Giauffret, A., 1976, Rev. Med. Vet., Toulouse, v. 127 (8-9), 1191-1202
    Leishmania donovani, experimentally infected dogs, symptoms, clinical tests (haemogram, sedimentation rate, blood proteins, immunofluorescence), changes during course of disease, post mortem examination; treatment of one case with glucantime, effect on clinical data

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Methylglyoxal bis (guanylhydrazone) derivatives
  Risby, E. L., 1976, J. Protozool., v. 23 (2), 27A [Abstract]
    Trypanosoma brucei, T. b. gambiense, T. b. rhodesiense, trypanocidal effects of methylglyoxal bis (guanylhydrazone) derivatives

3-Methyl-4-hydroxy-6- or 7-substituted quinoline-2-carbo-hydrazides
  Misra, V.; and Agarwal, S. (Km.), 1977, Indian J. Pharm., v. 39 (1), 13-15
    E[ntamoeba] histolytica (axenic), quinoline 2-carbo-hydrazides, good results

3-Methyl, 4-hydroxy, 6 or 7-substituted quinoline 2-carbo-hydrazones
  Misra, V.; and Agarwal, S. (Km.), 1977, Indian J. Pharm., v. 39 (1), 13-15
    E[ntamoeba] histolytica (axenic), quinoline 2-carbo-hydrazides, good results

1-Methyl-2-isopropyl-5-nitroimidazole. See Ipronidazole.

2-Methyl-4-methoxy-6-(4-diethylamino-1-methylbutylamino)-5,8-dimethoxyquinoline
  Fink, E.; et al., 1973, Prog. Med., Paris, v. 101 (7), 281 [Abstract]
    Plasmodium berghei yoelii, mice (exper.), establishment of mean causal prophylactic dose of selected antimalarial and experimental compounds

N-Methyl-1-naphthyl-carbamate. See Carbaryl.

N-Methyl-1-naphtyl-carbamate. See Carbaryl.

3-Methyl-4-(5'-nitrofurfurylidene-amino)tetrahydro-4H-1,4-thiazine-1,1-dioxide. See Nifurtimox.

2-Methyl-4-(5-nitro-2-furylidene)amino-1,4-thiazan-1,1-dioxide. See Nifurtimox.

1-Methyl-5-nitroimidazoles, substituted
Winkelmann, E.; et al., 1977, Arzneimittel-Forsch., v. 27 (12), 2251-2263
Entamoeba histolytica, Trichomonas foetus, Trypanosoma spp., in golden hamsters and mice (both exper.), laboratory trials with more than 135 new 2-methyl-5-nitroimidazoles substituted in the 1-position and 1-methyl-5-nitroimidazoles substituted in the 2-position, comparison of activity with that of metronidazole and tinidazole

2-Methyl-5-nitroimidazoles, substituted
Winkelmann, E.; et al., 1977, Arzneimittel-Forsch., v. 27 (12), 2251-2263
Entamoeba histolytica, Trichomonas foetus, Trypanosoma spp., in golden hamsters and mice (both exper.), laboratory trials with more than 135 new 2-methyl-5-nitroimidazoles substituted in the 1-position and 1-methyl-5-nitroimidazoles substituted in the 2-position, comparison of acitvity with that of metronidazole and tinidazole

4-[[[2-(1-Methyl-5-nitro-2-imidazolyl)-4-thiazolyl]methylene]amino]thiomorpholine 1,1-dioxide
Neville, M. C.; and Verge, J. P., 1977, J. Med. Chem., v. 20 (7), 946-949
Trypanosoma cruzi in mice (exper.), laboratory testing of 2-substituted 4-thiazolecarboxaldehyde hydrazones for trypanocidal activity, most active compound compared favorably with action of nifurtimox

Methyl parathion -- 0,0-Diethyl 0-(p-nitrophenyl) phosphorothioate-methyl.

Methyl parathion
Mohammed, M. A.; Atef, M.; and Shihata, I. M., 1976, Egypt. J. Vet. Sc., v. 11 (1-2), 1974, 1-5
Eimeria tenella, poultry, efficiency of insecticides and disinfectants against oocysts

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Methyl partricin. See Mepartricin.

O-Methyl S-phenyl methylphosphonodithioate (Stauffer N-3727)
Drummond, R. O.; et al., 1976, J. Econom. Entom., v. 69 (1), 37-40
Boophilus annulatus, B. microplus, acaricides, laboratory tests, spray and dip tests with cattle

Methyl 5(6)-phenylsulfinyl-2-benzimidazole. See Oxfendazole.

Methyl 5(6)-phenylsulfinyl-2-benzimidazole carbamate. See Oxfendazole.

Methyl (5-(phenylsulfinyl)-1H-benzimidazol-2-yl) carbamate. See Oxfendazole.

Methyl-[5-(phenyl-thio)-benzimidazole-2-carbamate]. See Fenbendazole.

Methyl 5(phenylthio)-2-benzimidazole carbamate. See Fenbendazole.

N-Methyl-piperidin-(4-spiro)-hydantoin
Heischkeil, R., 1973, Ztschr. Tropenmed. u. Parasitol., v. 24 (4), 505-516
Plasmodium vinckei, chemotherapeutic activity of selected antagonists of folic acid metabolism with special reference to structure-activity relationships, comparison with some standard antimalarials; some compounds also exert noxious effect on host

4-Methylprimaquine -- 8-(4-Amino-1-methylbutylamino)-4-methyl-6-methoxyquinoline; CN-1101; WR 181,023; WR 181,023 $2H_2PO_4$.

4-Methylprimaquine and analogues
LaMontagne, M. P.; Markovac, A.; and Menke, J. R., 1977, J. Med. Chem., v. 20 (9), 1122-1127
Plasmodium spp., laboratory trials in mice and monkeys using primaquine, 4-methylprimaquine and their 4-substituted analogues showed suppressive antimalarial activity

WR 181,023 2 H_2PO_4
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

4-Methyl-primaquine (WR-181,023; CN-1101)
Schmidt, L. H.; et al., 1977, Am. J. Trop. Med. and Hyg., v. 26 (6, part 1), 1116-1128
Plasmodium cynomolgi, rhesus monkeys, various 8-aminoquinolines in combination with blood schizonticidal drugs, total dose of 8-aminoquinoline administered (rather than duration of treatment) is primary determinant of radical curative activity

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2-Methylprimaquine dihydrochloride monohydrate -- WR 182,234; WR 182,234 2 HCl.

2-Methylprimaquine dihydrochloride monohydrate (WR 182,234)
Kinnamon, K. E.; et al., 1977, J. Med. Chem., v. 20 (6), 741-744
Trypanosoma cruzi in mouse model, evaluation of potential antitrypanosomal compounds for suppressive activity equal to or greater than nifurtimox used as reference compound

WR 182,234 2 HCl
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

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3-Methylprimaquine diphosphate (WR 211,814)
Kinnamon, K. E.; et al., 1977, J. Med. Chem., v. 20 (6), 741-744
Trypanosoma cruzi in mouse model, evaluation of potential antitrypanosomal compounds for suppressive activity equal to or greater than nifurtimox used as reference compound

Methyl-5-n-propoxy-2-benzimidazole carbamate.
See Oxibendazole.

Methyl [5-(propylthio)-1H-benzimidazol-2-yl] carbamate. *See* Albendazole

N-Methyl-N-2-propynylbenzylamine. *See* Pargyline.

O-Methylpsychotrine
Entner, N.; and Grollman, A. P., 1973, J. Protozool., v. 20 (1), 160-163
Entamoeba histolytica, effect of amebicidal agents on protein synthesis, correlation of drug structural characteristics with biologic activity, implications for designing drugs with increased margin of selective toxicity for parasite vs. host

Methyl-3-(2-quinoxalinyl-methylene) carbazate-N-N-dioxide. *See* Carbadox.

Methyl salicylate + Nitrobenzol
Guevara-Benitez, D.; and Ubeda-Ontiveros, J. M., 1974, Rev. Iber. Parasitol., v. 34 (1-2), 83-102
Sternostoma tracheacolum, morphology, variability, life cycle, treatment with methyl salicylate + nitrobenzol unsuccessful: Granada

(-)-2-Methyl-n-[3-(2,3,5,6-tetrahydroimidazo-[2,1-b] thiazol-6-yl) phenyl] propanamide monohydrochloride. *See* Butamisole hydrochloride.

trans-2[2-(3-Methyl-2-thienyl) vinyl] 1-methyl-1,4,5,6-tetrahydropyrimidine. *See* Morantel.

trans-1-Methyl-2[2 (2-thienyl) vinyl]1,4,5,6 tetrahydropyrimidine tartrate. *See* Pyrantel.

[5-[(Methylthio)methyl]-3-(5-nitrofurfurylidene) amino]-2-oxyzolidinone. *See* Nifuratel.

p-Methyl thiophenyl-sulfamoylethyl, 2,4-dihydroxy-3,3'-dimethyl butyramide -- WR 36,971.

WR 36,971
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

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Methyl 3,7,11-trimethyl-2,6,10-dodecatrienoate
Boisvenue, R. J.; Emmick, T. L.; and Galloway, R. B., 1977, Exper. Parasitol., v. 42 (1), 67-72
Haemonchus contortus, some compounds with juvenile hormone activity inhibited in vitro development of infective larvae, none of these compounds had anthelmintic properties against Ascaris suum or Nematospiroides dubius in mice

Methyl 3,7,11-trimethyl-2,6,10-dodecatrienyl ether
Boisvenue, R. J.; Emmick, T. L.; and Galloway, R. B., 1977, Exper. Parasitol., v. 42 (1), 67-72
Haemonchus contortus, some compounds with juvenile hormone activity inhibited in vitro development of infective larvae, none of these compounds had anthelmintic properties against Ascaris suum or Nematospiroides dubius in mice

Methyridine -- Dekelmin; 2-(2 Methoxyethyl) pyridine; Mintic; Promintic; Triserve.

Promintic
Agrawal, M. C.; and Dutt, S. C., 1977, Indian Vet. J., v. 54 (1), 77-79
Stephanofilaria zaheeri, buffaloes, in vitro and in vivo drug trials, high efficacy with malathion: Jabalpur

Methyridine (Mintic)
Chhabra, R. C.; Bali, H. S.; and Toor, L. S., 1976, J. Research, Punjab Agric. Univ., v. 13 (3), 308-311
gastrointestinal strongyles in sheep, critical drug evaluation, thiabendazole (most effective), tetramisole (good results), morantel tartrate (fair results), clioxanide and methyridine (least effective): India

Methyridine
Coles, G. C.; East, J. M.; and Jenkins, S. N., 1975, Gen. Pharmacol., v. 6 (4), 309-313
Nippostrongylus brasiliensis, Ascaris lumbricoides var. suum, levamisole, mechanism of action, paralysis and recovery of motility, resistance of recovered worms to paralysis by methyridine, pyrantel, or bephenium, results suggest levamisole acts as ganglion stimulant and that inhibition of fumarate reductase is not relevant to in vivo mode of action

Methyridine
Crum, E. D.; Despommier, D. D.; and McGregor, D. D., 1977, Immunology, v. 33 (6), 787-795
Trichinella spiralis, rats, immunization by series of methyridine-terminated oral infections with larvae, thoracic duct lymphocytes from immunized animals can protect normal rats against challenge, protective cells belong to 2 different populations, immune serum and lymph fail to transfer resistance

Methyridine
Howes, H. L., jr., 1972, Proc. Soc. Exper. Biol. and Med., v. 139 (2), 394-398
Trichuris muris and other helminths, dogs, mice (both exper.), CP-14,445 hydrochloride and pamoate compared with activity of known anthelmintics; dosage response data indicate that T. muris-mouse infection could be test model for antiwhipworm studies

Methyridine (Promintic)
Krishna Iyer, P. P.; and Peter, C. T., 1975, Kerala J. Vet. Sc., v. 5 (2), 121-123
gastrointestinal nematodes, goats, methyridine

Methyridine -- Continued.

Methyridin (Dekelmin)
Laemmler, G.; and Gruener, D., 1976, Berl. u. Munchen. Tierarztl. Wchnschr., v. 89 (11), 222-225; (12), 229-233
Capillaria hepatica in Mastomys natalensis, comparative activity of 24 anthelmintics, possible model screening system

Methyridine (Promintic)
Lodha, K. R.; Raisinghani, P. M.; and Karwasra, R. S., 1977, Indian J. Animal Sc., v. 47 (10), 677-682
helminths, camels, promintic and banminth II effective, nilverm inconsistent in action, thiabendazole ineffective

Methyridine
Malik, P. D.; and Gupta, R. P., 1975, Haryana Agric. Univ. J. Research, v. 5 (1), 58-65
gastrointestinal nematodes, Dictyocaulus filaria, sheep, drug efficacy: University Farm, Hissar

Methyridine
Muller, R., 1976, Pathophysiol. Parasit. Infect., 133-147
Dracunculus medinensis in rhesus monkeys, pathological processes associated with emergence of female worms, chemotherapy (some drugs had no effect on pre-emergent worms but markedly reduced host tissue reaction thus allowing easier extraction)

Methyridine + Disophenol
Oomi, H.; Watanabe, T.; and Yoshida, Y., 1976, J. Agric. Sc., Tokyo Nogyo Daigaku, v. 20 (3-4), 206-212
hookworm, whipworm, dogs, subcutaneous injection, methyridine + disophenol, good results

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Metichlorpindol. See Meticlorpindol.

Meticlorpindol -- Clopidol; Coyden; Coyden 25; 2,6-Dimethyl-3,5-dichlor-4-hydroxypyridine; Lerbek (with Methyl benzoquate); Metichlorpindol; Rigecocin.

Metichlorpindol (Coyden 25, Clopidol)
Bombeke, A.; Okerman, F.; and Moermans, R., 1977, Rev. Agric., Bruxelles, v. 30 (3), 749-760
coccidiostats whitsyn 10, coyden 25 in feed of growing rabbits, growth, feed consumption and feed conversion efficiency; statistical analysis methods

Clopidol
Catchpole, J.; and Norton, C. C., 1975, J. Protozool., v. 22 (3), 49A [Abstract]
Eimeria intestinalis, rabbits (exper.), pathogenic effects increased with higher dose levels, developmental stages observed, sulphaquinoxaline in food was partially effective as preventive but not clopidol, treatment in drinking water with sulphadimidine was successful but not amprolium + ethopabate

Meticlorpindol -- Continued.

Clopidol
Cerna, Z.; Louckova, M.; and Danek, J., 1974, J. Protozool., v. 21 (3), 455 [Abstract]
Eimeria tenella, chickens, antibody formation blocked by clopidol but not by zoalene

Clopidol + Methyl benzoquate (=Lerbek)
Chapman, H. D., 1976, Avian Path., v. 5 (4), 283-290
Eimeria tenella, E. acervulina, E. maxima, incidence in broiler house used for commercial drug trials, resistance to various anticoccidials

Clopidol
Chapman, H. D., 1976, Parasitology, v. 73 (3), 275-282
Eimeria tenella, infections in chicken embryo used to study drug resistance to decoquinate, clopidol, robenidine, and amprolium

Clopidol
Chapman, H. D., 1976, Vet. Parasitol., v. 1 (4), 299-308
Eimeria tenella, delayed treatment used to study mode of action of 7 anticoccidial drugs in the chicken and chicken embryo

Metichlorpindol (Clopidol)
Chroust, K., 1973, Acta Vet. Brno, v. 42 (1), 45-52
lambs naturally infected with E[imeria] ninakohlyakimovae, E. arloingi, E. parva, E. intricata, E. faurei, and E. crandallis, treated with Clopidol administered in feed, effective control with dose rates of 500 mg/kg feed for 14 days or 250 mg/kg feed for 56 days

Clopidol
Denek, J.; and Strossova, Z., 1977, J. Protozool., v. 24 (2), Suppl., 14A [Abstract]
field strains of Coccidia, development of resistance to clopidol: CSSR

Clopydol (Coyden)
Elefterescu, A.; Popescu, E.; and Dinu, M., 1976, Rev. Crest. Animalelor, v. 26 (1), 66-69
coccidiosis, chickens, testing of various coccidiostats, formulas for determining "coccidiostatic index" and "performance percentage", Clopydol gave best results

Clopidol + Methyl-benzoquate
Foure, N.; et al., 1974, Bull. Inform. Station Exper. Avicult. Ploufragan (Cotes-du-Nord), v. 14 (3), 51-56
Eimeria tenella, E. necatrix, E. acervulina, Clopidol + methyl-benzoquate, presence of fully sensitive or double resistant strains

Clopidol (Coyden)
Foure, N.; and Bennejean, G., 1974, Bull. Inform. Station Exper. Avicult. Ploufragan (Cotes-du-Nord), v. 14 (3), 57-60
Eimeria, chickens, Halofuginone, comparison with methyl-benzoquate and Clopidol, good results

Meticlorpindol -- Continued.

Clopidol
Joyner, L. P.; and Norton, C. C., 1975, J. Protozool., v. 22 (3), 52A-53A [Abstract]
Eimeria maxima, transfer of drug resistance from one strain to another when passaged together in chicks

Metichlorpindol (Coyden)
Kuil, H.; and Dankert-Brands, S., 1976, Vet. Parasitol., v. 2 (3), 293-298
Eimeria tenella, E. maxima, development of indirect fluorescent antibody titers in infected chickens fed rations medicated with metichlorpindol and/or methylbenzoquate, concluded that development of parasite is necessary to stimulate host to produce circulating fluorescent antibodies

Clopidol
Long, P. L., 1973, Folia Vet. Latina, v. 3 (1), 89-109
Eimeria tenella, Eimeria mivati, cultured in chick embryos, technique for screening

Clopidol
McHardy, N.; Haigh, A. J. B.; and Dolan, T. T., 1976, Nature, London (5562), v. 261, 698-699
Theileria parva, drug screening in vitro, only Menoctone showed appreciable activity, subsequent tests in cattle artificially infected with ECF confirmed activity of Menoctone against the disease, mode of action not clear but seems to act against schizont or earlier stages and probably along a widely occurring biochemical pathway

Clopidol
McLoughlin, D. K.; and Chute, M. B., 1973, Avian Dis., v. 17 (4), 717-721
Eimeria tenella, chickens (exper.), nequinate, good results against a sensitive strain and strains resistant to non-quinoline coccidiostats, development of nequinate-resistant strain, cross-resistance study

Clopidol (Coyden; Rigecocin)
Meingassner, J. G.; and Schick, R., 1977, Wien. Tierarztl. Monatsschr., v. 64 (3), 76-79
Eimeria tenella, hens, comparison of amprolium + ethopabate and clopidol for protection of chick embryos, only clopidol was effective

Clopidol
Mitrovic, M.; and Schildknecht, E. G., 1975, Poultry Science, v. 54 (3), 750-756
Eimeria tenella, chicks, efficacy of lasalocid against sulfaquinoxaline, nicarbazin, zoalene, amprolium, clopidol and 4-hydroxyquinoline resistant E. tenella strains; no resistance to lasalocid induced

Meticlorpindol
Mylari, B. L.; et al., 1977, J. Med. Chem., v. 20 (4), 475-483
Eimeria spp. in chickens, 1-benzyl-6-azauracils as potential new anticoccidials, comparison trials with several experimental and commercial anticoccidials

Meticlorpindol -- Continued.

Meticlorpindol
Oettel, M.; et al., 1975, Pharmazie, v. 30 (5), 321-324
Eimeria tenella; E. acervulina, drug screening in chickens comparing 1.6-di[1-methylallyl]-dithiocarbamoylhydrazine and meticlorpindol

Clopidol
Ryley, J. F.; and Wilson, R. G., 1976, Parasitology, v. 73 (2), 137-148
Eimeria tenella, practical considerations involved in screening drugs in cell culture and in the chicken, analysis for incidence of anticoccidial activity and host cell toxicity based on 11,550 compounds screened in vitro, correlation of activity in vitro and in vivo attempted, results show that screening compounds in vitro is not satisfactory or reliable alternative to screening in chickens, but in vitro studies can play a part in evaluation of active drugs

Clopidol
Shirley, M. W.; Millard, B. J.; and Long, P. L., 1977, Parasitology, v. 75 (2), 165-176
Eimeria acervulina var. diminuta and Eimeria acervulina var. mivati compared, growth in vitro, response to anticoccidial drugs, electrophoretic mobility profiles of four enzymes

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Metrifonate. See Trichlorfon.

Metriphonate. See Trichlorfon.

Metrofemin. See Metronidazole.

Metronidazole -- Clont; Deflamon (with Lysozyme); Entizol; Flagyl; Flagyl forte; Hydroxy-2 ethyl-1-methyl-2 nitro-5 imidazole; 1-(2-Hydroxyethyl)-2-methyl-5-nitroimidazole; 1-beta-Hydroxyethyl-2-methyl-5-nitroimidazole; Klion; Metrofemin; 8,823 R.P.

Metronidazole
Abioye, A. A., 1976, J. Trop. Med. and Hyg., v. 79 (11), 252-255
Entamoeba histolytica, drug (emetine, metronidazole) and immuno-diagnostic (fluorescent antibody, gel diffusion and latex agglutination tests) resistant amoebic hepatic abscess in man, case report, blood-abscess cavity barrier postulated as possible mechanism for diagnostic failure: Nigeria

Metronidazole (Flagyl)
Al-Khateeb, G. H.; Al-Jeboori, T. I.; and Al-Janabi, K. A., 1977, Chemotherapy, v. 23 (4), 267-275
Leishmania donovani in vitro, action of sodium stibogluconate, metronidazole and dehydroemetine on mobility, morphology and survival of promastigotes

Metronidazole -- Continued.

Metronidazole
Ambroise-Thomas, P.; and Meyer, H. A., 1975, Acta Trop., v. 32 (4), 359-364
Entamoeba histolytica, hepatic amoebiasis, human, diagnosis, agglutination and indirect fluorescent antibody tests, clinical trials with Tinidazole (Fasigyn), well tolerated with encouraging results but some cases required supplementary treatment with metronidazole: region of Kilimanjaro, northeast Tanzania

Metronidazole
Andre, L. J., 1973, Medecine et Armees, v. 1 (6), 51-54
human amoebiasis, current treatment methods and clinical aspects, metronidazole, seconidazole

Metronidazole
Andre, L. J.; and Charmot, G., 1973, Medecine Trop., v. 33 (3), 311-315
human amoebiasis, clinical trials with seconidazole and comparison with metronidazole, suitable for mass therapy in developing nations

Metronidazole
Andre, L. J.; Pieri, F.; and Abed, L., 1973, Medecine Afrique Noire, v. 20 (12), 991-993
human amoebiasis, indications for use of metronidazole

Metronidazole (Flagyl)
Aure, J. C.; and Tveter, L., 1969, Tidsskr. Norske Laegefor., v. 89 (23), 1792-1794
human trichomoniasis colpitis, clinical trials using atricana not as successful as trials with metronidazole and nifuratel

Klion (Metronidazole)
Banki, F.; Farkas, A.; and Szanto, I., 1972, Orvosi Hetilap, v. 113 (21), 1295-1296
Giardia lamblia in adults, treatment with klion: Hungary

Metronidazole
Barnham, M., 1977, Lancet, London (8047), v. 2, 1077-1078 [Letter]
Chilomastix mesnili, possible pathogenicity in humans, resolution of diarrhea and parasite trophozoites in feces with metronidazole therapy

Metronidazole
Belcher, D. W.; Wurapa, F. K.; and Ward, W. B., 1975, Am. J. Trop. Med. and Hyg., v. 24 (3), 444-446
thiabendazole and metronidazole unsatisfactory in treatment of human guinea worm in exper. trials comparing effectiveness, cost and side-effects: Accra, Ghana

Metronidazole -- Continued.

Metronidazole
Berthoud, S.; Rime, F.; and Buffle, P., 1976, Schweiz. Med. Wchnschr., v. 106 (24), 828-830
hepatic amoebic abscess presenting with systemic symptoms in man who had traveled extensively in tropics, abscess masked by previous treatment of intestinal symptoms with iodoquinolines, diagnosed by liver scan and cured with metronidazole: Switzerland

Metronidazole (Flagyl)
Best, J. C.; et al., 1976, Med. J. Australia, v. 1 (1-2), 14-20
assessment of growth-rate and growth-retardation in Australian Aboriginal children before and after treatment for common intestinal parasites

Metronidazole
Biernat, A.; and Doroba, Z., 1976, Polski Tygod. Lekar., v. 31 (20), 857-858
Trichomonas vaginalis, urethral trichomoniasis in 24-year-old man with associated ulcerative balanitis of unknown etiology, resolution of both infections after metronidazole therapy: Warsaw

Metronidazole
Botero, D.; and Perez, A., 1977, Tr. Roy. Soc. Trop. Med. and Hyg., v. 71 (6), 508-511
Trichomonas vaginalis, Entamoeba histolytica, humans, panidazole therapeutic clinical trials, comparative trials with metronidazole show panidazole no better than metronidazole in treating amoebiasis and inferior in treating trichomoniasis

Metronidazole
Bradley, W. G.; Karlsson, I. J.; and Rassol, C. G., 1977, Brit. Med. J. (6087), v. 2, 610-611
peripheral neuropathy resulting from prolonged metronidazole therapy with high dosages, recovery after drug discontinued

Metronidazole
Bunnag, D.; et al., 1975, Southeast Asian J. Trop. Med. and Pub. Health, v. 6 (1), 99-102
human hepatic amoebic abscess, successful clinical trials combining a single course of metronidazole with abscess aspirations: Bangkok, Thailand

Metronidazole (Flagyl)
Burke, J. A., 1977, C. R. C. Crit. Rev. Clin. Lab. Sc., v. 7 (4), 373-391
Giardia lamblia, extensive review of human giardiasis (history, life cycle, morphology, epidemiology, pathology, diagnosis, control, treatment)

Metronidazole
Capraro, V. J.; and Gallego, M. B., 1974, Pediat. Ann., v. 3 (12), 74-81
Trichomonas vaginalis as cause of acute vulvovaginitis in children and young girls, clinical aspects, metronidazole

Metronidazole -- Continued.

Metronidazole
de Carvalho, O. A.; et al., 1972, Pediat. Prat., S. Paulo, v. 43 (4), 135-138
Giardia lamblia in children, poor results in comparison studies of furazolidone, metronidazole and nitrimidazine in treatment

Metronidazole
Catterall, R. D., 1972, Med. Clin. North Am., v. 56 (5), 1203-1209
Trichomonas vaginalis infections of human genital tract, clinical review, medical management, metronidazole

Metronidazole
Cavaglieri, D.; Falsetti, L.; and Caputo, G., 1974, Minerva Ginec., v. 26 (5), 303-305
human vaginal trichomoniasis, drug trials comparing nimorazole and metronidazole in varying doses

Metronidazole
Chmielewski, J.; Jaremin, B.; and Zdrojewski, J., 1974, Polskie Arch. Med. Wewn., v. 51 (1), 91-94
human amoebiasis, hepato-pulmonary-pleural form, case report, diagnosis based on gel-precipitation test, combined therapy of metronidazole, dihydroemetine and oxytetracycline successful: Hindu sailor in Poland

Metronidazole (Flagyl)
Chongsuphajaisiddhi, T.; et al., 1971, Southeast Asian J. Trop. Med. and Pub. Health, v. 2 (1), 29-33
Entamoeba histolytica, treatment of human cyst passers with metronidazole, successful treatment with finding that high concentration of drug is more important than duration of treatment, and that metronidazole therapy can appreciatively reduce transmission rate: Thailand

Flagyl
Chretien, J. H.; Esswein, J. C.; and Garagusi, V. F., 1973, Med. Ann. Dist. Columbia, v. 42 (8), 375-377
case reports of acute giardiasis in university students some of whom had not traveled outside the United States, clinical review, treatment with atabrine or flagyl

Metronidazole (Entizol)
Chwirot, E.; and Kasprzak, W., 1975, Polski Tygod. Lekar., v. 30 (6), 261-263
Entamoeba histolytica, E. hartmanni, Dientamoeba fragilis, humans, clinical trials to evaluate effectiveness of metronidazole, good results with minimal side effects

Flagyl (Metronidazole; 1-(2-Hydroxyethyl)-2-methyl-5-nitroimidazole)
Coombs, G. H., 1973, J. Protozool., v. 20 (4), 524
Flagyl, biochemical mode of action, explanation of selective toxicity for anaerobic organisms

Metronidazole -- Continued.

Metronidazole
Counio, 1975, Marseille Med., v. 112 (4), 233-237
human vaginitis, good treatment results in combined use of hormones and trichomonicides: France

Metronidazole (Flagyl)
Dellamonica, P.; et al., 1976, Nouv. Presse Med., v. 5 (30), 1913 [Letter]
Giardia intestinalis in woman with associated urticaria and dysentery, relief of symptoms after metronidazole therapy, clinical case report: Nice, France

Metronidazole (Flagyl forte)
Dølvik, H.; and Vik, I. L., 1976, Tidsskr. Norske Laegefor., v. 96 (25), 1328
human Trichomonas vaginalis vaginitis, 2-day oral therapy program with metronidazole more successful than single day therapy: Oslo

Metronidazole (Flagyl)
Dofing, J. L.; and Renaison, R., 1975, Nouv. Presse. Med., v. 4 (41), 2949 [Letter]
Entamoeba histolytica in adolescent resulting in chronic amoebic colitis, metronidazole administered by rectal lavage resulted in cure where previous oral administration had not: France, native of Guadeloupe

Metronidazole
Donaldson, M.; et al., 1975, Am. J. Vet. Research, v. 36 (6), 807-817
reptilian amebiasis, fatal epizootic, possible cause of many previous snake deaths, pathologic changes, probable mode of introduction and spread, treatment (metronidazole successful) and prophylaxis, amebae identified as or presumed to be Entamoeba invadens: Steinhart Aquarium, California Academy of Sciences, Golden Gate Park, San Francisco

Metronidazole
Duma, R. J.; and Finley, R., 1976, Antimicrob. Agents and Chemotherapy, v. 10 (2), 370-376
Naegleria fowleri, Acanthamoeba castellanii, A. polyphaga, in vitro susceptibility to variety of therapeutic agents, results suggest that amphotericin B is most effective agent against Naegleria but few agents are effective against Acanthamoeba

Metronidazole
Duron, J. J.; Benhamou, G.; and Nardi, C., 1975, Nouv. Presse. Med., v. 4 (18), 1364 [Letter]
hepatic echinococcosis in man with associated distomiasis discovered during surgical procedure to remove hydatid cysts, metronidazole and dehydroemetine therapy, clinical case report and review of diagnostic difficulties: Paris

Metronidazole
Dykers, J. R., jr., 1976, N. England J. Med., v. 295 (7), 395-396 [Letter]
human vaginal trichomoniasis, single dose therapy with metronidazole, follow-up report of 2 women with recurring infections: North Carolina

Metronidazole -- Continued.

Metronidazole (Flagyl)
Farid, Z.; et al., 1977, Am. J. Trop. Med. and Hyg., v. 26 (4), 822-823
Entamoeba histolytica, human hepatic amoebic liver abscess as frequent cause of obscure fever, diagnosis by counterimmunoelectrophoresis and other immunoserologic techniques, metronidazole successful as initial therapy but combined with aspiration and drainage of large abscesses: Cairo, Egypt

Metronidazole
Fiumara, N., 1973, N. England J. Med., v. 288 (26), 1410-1411 [Letter]
Giardia lamblia outbreak in travellers to Soviet Union and Finland, typical symptoms within 1 week of return, drinking water probably source of infection, metronidazole therapy successful: Boston

Metronidazole (Flagyl)
Fleury, F. J.; et al., 1977, Am. J. Obst. and Gynec., v. 128 (3), 320-322
Trichomonas vaginalis, symptomatic trichomonal vaginitis, both women and their male consorts treated with single dose metronidazole therapy, treatment effective, well-tolerated and less expensive than current recommended regimens

Metronidazole
Forgacs, J.; and Tarnoczy, P., 1973, Minerva Ginec., v. 25 (4), 210-217
Trichomonas vaginalis vaginitis and mixed moniliasis infections, humans, use of vaginal methyl-partricin compared with control protozoacides; metronidazole superior for single infections, methyl-partricin for mixed infections

Metronidazole
Gaborak, M.; Cover, B.; and Gutteridge, W. E., 1976, Parasitology, v. 73 (2), iii [Abstract]
Trypanosoma cruzi, Ro 7-1051 in vitro and in mice, activity inferior to SQ 18,506, nearly as good as Lampit, and markedly superior to metronidazole

Metronidazole
Gaborak, M.; Darling, J. L.; and Gutteridge, W. E., 1977, Nature, London (5618), v. 268, 339-340
Trypanosoma cruzi, T. dionisii, drug sensitivities of culture forms almost identical, T. dionisii could replace T. cruzi in in vitro drug screens

Metronidazole
Genc, S., 1976, Mikrobiyol. Bul., v. 10 (3), 303-306
mixed Giardia lamblia and Trichomonas intestinalis infections, child, resochin and metronidazole treatments successful: Turkey

Metronidazole
Giannone, R., 1972, Minerva Ginec., v. 24 (7), 354-355
Trichomonas vaginalis, humans, increasing resistance to metronidazole: Lombardy, Italy

Metronidazole -- Continued.

Metronidazole
Giboda, M.; Hoffman, F.; and Rimar, P., 1971, Ceskoslov. Pediat., v. 26 (2), 88-89
intestinal protozoal infections in children aged 1-15 years, clinical trials with metronidazole, results and parasites eliminated varied with age and parasite: Kosice, Czechoslovakia

Metronidazole
Gilman, R. H.; et al., 1971, Southeast Asian J. Trop. Med. and Pub. Health, v. 2 (2), 186-189
Entamoeba histolytica, significant correlations with presence of Edwardsiella tarda in stools of persons with bloody diarrhea, disappearance of both organisms from stools of patients treated with metronidazole: Malaysia

Metronidazole (Flagyl)
Gregory, P. B., 1976, Gastroenterology, v. 70 (4), 585-588
case report of refractory hepatic amoebiasis in man despite multiple courses of emetine, chloroquine, and metronidazole, final resolution of infection after treatment of Entamoeba histolytica intestinal infection with various drugs considered as probable cause of continuing reinfection of liver: California

Metronidazole (Flagyl)
Griffin, F. M., jr., 1973, N. England J. Med., v. 288 (26), 1397
Entamoeba histolytica hepatic abscess in Vietnam veteran, poor response to metronidazole therapy, possible drug resistance, apparent cure after emetine and chloroquine: Illinois

Metronidazole
Griffiths, W. A. D.; and Sodeify, M., 1976, Arch. Dermat., Chicago, v. 112 (12), 1791
human cutaneous leishmaniasis, metronidazole, poor response, clinical trials: Iran

Metronidazole (Flagyl)
Grillo, N.; and Infuso, D., 1971, Minerva Pediat., v. 23 (17), 771-775
giardiasis in children, metronidazole therapy well tolerated

Metronidazole
Grove, D. I.; Mahmound, A. A. F.; and Warren, K. S., 1977, Internat. Arch. Allergy and Applied Immunol., v. 54 (5), 422-427
metronidazole appears to suppress selectively some aspects of cell-mediated immunity, including granuloma formation around Schistosoma mansoni eggs in unsensitized but not in previously sensitized mice

Metronidazole
Gulanoswka, H.; and Soroczan, W., 1971, Polski Tygod. Lekar., v. 26 (2), 64-65
Balantidium coli vaginal infections in women of rural populations, clinical case reports, treatment with metronidazole: Poland

Metronidazole -- Continued.

Metronidazole
Gwiezdzinski, Z.; Pekowski, M.; and Kozlowski, J., 1971, Polski Tygod. Lekar., v. 26 (17), 642-643
trichomoniasis in young man resulting in erosive balanoposthitis, successful cure with metronidazole, differential diagnosis from atypical syphilitic lesions

Metronidazole
Haff, R. C.; and Norgaard, R. P., 1974, Mil. Med., v. 139 (3), 192-195
human amoebiasis, metronidazole treatment of cecal amebomas and hepatic abscesses after locating by liver scan, military personnel returning from duty in Southeast Asia

Metronidazole (Flagyl)
Hartong, W. A.; and Arvanitakis, C., 1977, J. Am. Med. Ass., v. 237 (11), 1078-1079 [Letter]
Giardia lamblia in humans, diagnosis by duodenal aspiration to obtain mucosal smear imprint of small bowel biopsy specimens, pathologic changes, decreased or absent immunoglobulins, reversal of morphologic and biochemical changes after metronidazole or quinacrine hydrochloride therapy

Metronidazole
Hauser, G. A., 1975, Praxis, Bern, v. 64 (31), 1002-1005
human vaginal trichomoniasis, good results in treatment trials using methyl partricin although comparative use of metronidazole gave better results

Metronidazole
Helmy, N. I., 1974, Brit. J. Clin. Pract., v. 28 (12), 411-412
human vaginal Trichomonas vaginalis, clinical trials with fasigyn, comparison with metronidazole

Metronidazole
Iannino, A.; and Testa, P., 1975, Minerva Ginec., v. 27 (11), 929-932
human Trichomonas vaginalis vaginitis, clinical trials comparing local application of methyl-partricin with metronidazole

Metronidazole (Flagyl)
Jo Kian Tjaij; Raid, N.; and Sutanto, A. H., 1971, Paediat. Indonesiana, v. 11 (1), 1-12
intestinal amoebiasis in children, metronidazole the drug of choice: North Sumatra

Metronidazole (Flagyl)
Jo Kian Tjaij; Raid, N.; and Sutanto, A. H., 1972, Paediat. Indonesiana, v. 12 (2), 82-86
Entamoeba histolytica in children, metronidazole is drug of choice for therapy

Metronidazole (Flagyl)
Jo Kian Tjaij; Sutanto, A. H.; and Simatupang, J., 1976, Paediat. Indonesiana, v. 16 (9-10), 412-414
amoebic dysentery in children, clinical trials with metronidazole, recommendations for single dose therapy especially in poor, developing areas after evaluation of long-term results: Indonesia

Metronidazole -- Continued.

Metronidazole
Kabatova, A.; and Zeman, V., 1970, Minerva Ginec., v. 22 (17), 837-841
Trichomonas vaginalis, human, clinical trials comparing deflamon (metronidazole combined with lysozyme) and metronidazole used alone

Metronidazole + Lysozyme (= Deflamon)
Kabatova, A.; and Zeman, V., 1970, Minerva Ginec., v. 22 (17), 837-841
Trichomonas vaginalis, human, clinical trials comparing deflamon (metronidazole combined with lysozyme) and metronidazole used alone

Metronidazole (Flagyl)
Kale, O. O., 1974, Ann. Trop. Med. and Parasitol., v. 68 (1), 91-95
dracontiasis, efficacy of niridazole and metronidazole, controlled field trial: southeast of Ibadan, Western State, Nigeria

Metronidazole (Flagyl)
Kane, J. G.; Fossieck, B. E., jr.; and Parker, R. H., 1976, J. Am. Med. Ass., v. 236 (23), 2653-2654
Entamoeba histolytica, false-positive reaction in therapeutic trial using metronidazole to differentiate between human pyogenic and amebic liver abscess: Washington, D. C.

Metronidazole (Flagyl)
Kazmier, F. J., 1976, Mayo Clin. Proc., v. 51 (12), 782-784
trichomoniasis, woman on warfarin anticoagulant therapy, metronidazole treatment of parasitic infection resulted in drug interactions with increased prothrombin times and internal hemorrhaging

Metronidazole
Khambatta, R. B., 1971, Ann. Trop. Med. and Parasitol., v. 65 (4), 487-489
Giardia lamblia, human, metronidazole more effective in a single dose on two successive days than thrice daily for a week

Metronidazole
Komaroff, A. L.; Cohen, A. B.; and McCue, J., 1976, J. Am. Med. Ass., v. 235 (19), 2081-2082
possible carcinogenicity and mutagenicity of metronidazole, discussion of continued use to treat human trichomoniasis

Metronidazole
Kulkarni, D. R.; and Nagalotimath, S. J., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (1), 169-170 [Letter]
guinea worm infection in humans, trials with metronidazole unsuccessful: India

Metronidazole (Clont)
Kunstyr, I.; Ammerpohl, E.; and Meyer, B., 1977, Lab. Animal Sc., v. 27 (5), part II, 782-788
Spironucleus muris, nude mouse (exper.) an excellent model for immunologic and pharmacologic studies; dimetridazole, metronidazole, tinidazole, and Acranil tested

Metronidazole -- Continued.

Metronidazole
Kvasz, L., 1971, Ceskoslov. Pediat., v. 26 (4), 183-184
Lamblia intestinalis, gastrointestinal X-ray examination of infected children revealed ulceration of duodenal mucosa and functional disorders and irritation of upper digestive tract, possible relationships to lambliasis, metronidazole therapy of parasites resulted in cure of ulceration

Metronidazole
Lamont, A. C.; and Wicks, A. C. B., 1976, Tr. Roy. Soc. Trop. Med. and Hyg., v. 70 (4), 302-305
amoebic liver abscess, review of 88 patients, clinical aspects including some atypical presentations, laboratory investigations, need for diagnostic awareness in young age groups, metronidazole drug of choice with repeated aspirations for large abscesses: Rhodesia

Metronidazole
Lapierre, J.; et al., 1975, Medecine et Malad. Infect., v. 5 (2), 87-92
statistical clinical analysis of 368 cases of human giardiasis, diagnosis, epidemiology, metronidazole: Paris

Metronidazole
Lara Aguilera, R.; and Bernal, R. M., 1974, Bol. Med. Hosp. Inf., v. 31 (4), 779-784
Balantidium coli, dysentery in young children, frequent association with Trichuris trichiura infections in endemic areas, case reports, metronidazole: Mexico

Metronidazole
Lee, J. C., 1972, Nettai Igaku (Trop. Med.), v. 14 (2), 97-110
Trichomonas vaginalis, in vitro growth-inhibiting effects of 8 antitrichomonal drugs; therapeutic effects of trichomycin, piperanitrozole, metronidazole and nimorazole against abscess formation in mice (exper.)

Metronidazole
Levi, G. C.; de Avila, C. A.; and Amato Neto, V., 1977, Am. J. Trop. Med. and Hyg., v. 26 (3), 564-565
human giardiasis, comparative clinical trials using furazolidone, nimorazole, metronidazole, and tinidazole in standard doses: Sao Paulo, Brazil

Metronidazole
Lindmark, D. G.; and Mueller, M., 1974, J. Protozool., v. 21 (3), 436 [Abstract]
affinity of metronidazole to reducing enzyme system(s) in Trichomonas vaginalis and Tritrichomonas foetus homogenates, inhibitory action of metronidazole on these enzymes due to competition for low redox potential electrons

Metronidazole -- Continued.

Metronidazole
McHardy, N.; Haigh, A. J. B.; and Dolan, T. T., 1976, Nature, London (5562), v. 261, 698-699
Theileria parva, drug screening in vitro, only Menoctone showed appreciable activity, subsequent tests in cattle artificially infected with ECF confirmed activity of Menoctone against the disease, mode of action not clear but seems to act against schizont or earlier stages and probably along a widely occurring biochemical pathway

Metronidazole (Flagyl)
Mahmoud, A. A. F.; and Warren, K. S., 1976, J. Infect. Dis., v. 134 (6), 639-643
Entamoeba histolytica, algorithms in the diagnosis and management of human infections

Metronidazole
Mahony, J. D. H.; Harris, J. R. W.; and Farrer, C. J., 1975, Brit. J. Clin. Pract., v. 29 (3), 71-72
human vaginal trichomoniasis, comparative clinical trials using nimorazole and metronidazole: England

Metronidazole
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

Metronidazole (Flagyl)
Mehrotra, S. N., 1975, Pediat. Clin. India, v. 10 (3), 145-147
Giardia lamblia in children, single dose treatment with metronidazole successful: Allahabad, India

Metronidazole
Meingassner, J. G., 1977, Experientia, v. 33 (9), 1160-1161
Trichomonas vaginalis, mice infected s.c. vs. intravaginally, comparative studies on trichomonacidal activity of metronidazole, tinidazole, nimorazole, and ornidazole, marked decrease of activity when analyzed in s.c. infected mice

Metronidazole
Meingassner, J. G.; Georgopoulos, A.; and Patoschka, M., 1975, Tropenmed. und Parasitol., v. 26 (4), 395-398
Trichomonas vaginalis, mixed Candida albicans intravaginal infection in rats (exper.) established more reliable infection conditions for testing performance of chemotherapeutic drugs than T. vaginalis in axenic culture, metronidazole, tinidazole, nifuratel tested

Metronidazole
Meingassner, J. G.; and Mieth, H., 1976, Experientia, v. 32 (2), 183-184
Tritrichomonas foetus, induction of metronidazole resistance, marked cross-resistance to other 5-nitroimidazole-derivatives in vitro and in vivo

Metronidazole -- Continued.

Metronidazole
Meingassner, J. G.; and Mieth, H., 1977, Arzneimittel-Forsch., v. 27 (3), 638-639
Trichomonas vaginalis, rats, metronidazole, tinidazole, nitrimidazine and ornidazole showed systemic trichomonacidal activity within rather narrow dosage range after three oral doses and after a single dose

Metronidazole
Morales Mareles, P.; Suarez Sanchez, F.; and Boom, R. A., 1975, Prensa Med. Mexicana, v. 40 (3-4), 124-126
human hepatic amoebic abscess, double blind clinical trials comparing therapy with intravenous metronidazole and intramuscular emetine: Mexico

Metronidazole
Mueller, M.; and Lindmark, D. G., 1976, Antimicrob. Agents and Chemotherapy, v. 9 (4), 696-700
Tritrichomonas foetus, Trichomonas vaginalis, Entamoeba invadens, uptake of metronidazole under anaerobic vs. aerobic conditions, effect on viability of T. foetus

Metronidazole
Muller, R., 1976, Pathophysiol. Parasit. Infect., 133-147
Dracunculus medinensis in rhesus monkeys, pathological processes associated with emergence of female worms, chemotherapy (some drugs had no effect on pre-emergent worms but markedly reduced host tissue reaction thus allowing easier extraction)

Flagyl
Narayana, G. S., 1976, Indian Vet. J., v. 53 (6), 477
Trichomonas intestinalis, dog, case report, flagyl, good results: India

Metronidazole
Nielsen, M. H., 1976, Acta Path. et Microbiol. Scand., v. 84B (2), 93-100
Trichomonas vaginalis, in vitro treatment of exponentially growing cultures with metronidazole, effect on cell division and fine structure, findings indicate initial effect is inhibition of cell multiplication as well as impairment of protein-synthesizing capacity

Metronidazole
Nik-Akhtar, B.; and Tabibi, V., 1977, J. Trop. Med. and Hyg., v. 80 (8), 179-180
Fasciola hepatica, case reports of effective therapy of human infections using metronidazole: Iran

Metronidazole (Flagyl)
Ochs, H. D.; Ament, M. E.; and Davis, S. D., 1972, N. England J. Med., v. 287 (7), 341-342
Giardia lamblia causing malabsorption and damage to mucosa of small intestine in child with infantile X-linked agammaglobulinemia, symptoms relieved with flagyl: Washington [state]

Metronidazole -- Continued.

Klion (Metronidazole)
Orley, J., 1972, Orvosi Hetilap, v. 113 (1), 28-29
Trichomonas vaginalis vaginitis in young girls, treatment of patients and their families with klion: Hungary

Metronidazole
Ostrzenski, A., 1975, Polski Tygod. Lekar., v. 30 (42), 1747-1749
Trichomonas vaginalis, vaginal infections in woman, therapy with metronidazole increased incidence of infection with candidiasis after treatment and had no beneficial effect on mixed infections existing before therapy

Metronidazole (Flagyl)
Paine, T. F., jr.; and Gluck, F. W., 1976, J. Am. Med. Ass., v. 236 (21), 2425-2426
Giardia lamblia, woman, severe debilitating diarrhea, diagnostic problems, relationship to foreign travel, metronidazole, quinacrine, or furazolidone: Tennessee

Metronidazole
Palinacci, C.; Ramiara, Y.; and Laroche, R., 1972, Medecine Trop., v. 32 (6), 755-757
appendectomy in man with amoebiasis resulting in cecal fistula and cutaneous amoebiasis, case report, cure with metronidazole

Metronidazole (Metrofemin)
Palomino, H.; et al., 1970, Bol. Chileno Parasitol., v. 25 (1-2), 52-56
Giardia lamblia in children, comparative clinical trials testing acranil, furazolidone, metronidazole, paromomycin and intestopan

Metronidazole (Flagyl)
Pandey, V. C.; Dutta, G. P.; and Rao, V. K. M., 1976, Indian J. Exper. Biol., v. 14 (2), 142-144
Entamoeba histolytica-infected rat caeca, significant increase in RNAse and DNAse activity, enzyme level reduced almost to normal values by treatment with emetine hydrochloride, enterovioform, or metronidazole

Metronidazole (Flagyl)
Pardanani, D. S.; et al., 1977, Ann. Trop. Med. and Parasitol., v. 71 (1), 45-52
Dracunculus medinensis in humans, 85% cure rate in double blind clinical study using metronidazole, drug assessed with infections in various stages, treatment well tolerated and without serious side effects: India

Metronidazole
Pasyk, K., 1977, Polski Tygod. Lekar., v. 32 (4), 147-149
Trichomonas vaginalis, congenital infections, prevalence survey, detection in newborns should constitute at least 2 examinations if infection in mother not previously detected, safe metronidazole dosage established: Poland

Metronidazole -- Continued.

Metronidazole + Nystatin
Pathak, U. N.; Sur, S. K.; and Farrand, R. J., 1975, Brit. J. Clin. Pract., v. 29 (10), 270-272
human vaginitis, clinical trials using metronidazole tablets with nystatin pesseries, comparison with nitrofuratel tablets and pesseries

Metronidazole + Nystatin + Lysozyme
Pavetto, P. F., 1973, Minerva Ginec., v. 25 (1), 46-54
human Trichomonas vaginalis vaginitis and mixed infections with Monilia, double-blind clinical trials testing metronidazole, nystatin and lysozyme in a combined vaginal suppository

Metronidazole (Flagyl)
Pene, P.; Bouvry, M.; and Pignol, F., 1970, Medecine Afrique Noire, v. 17 (3), 213-217
comparison of dehydroemetine, niridazole and metronidazole in treatment of human amoebiasis

Metronidazole (Flagyl)
Perju, A.; and Ciuca, T., 1971, Pediatria, Bucuresti, v. 20 (6), 561-564
urogenital trichomoniasis in young girls, treatment with metronidazole: Romania

Flagyl
Pfeiffer, H.; and Supperer, R., 1976, Wien. Tierarztl. Monatsschr., v. 63 (1), 1-6
Giardia canis, dogs, first report, case histories, successful treatment with Flagyl: Austria

Metronidazole (Flagyl)
Picca, M., 1974, Medecine Trop., v. 34 (3), 445-450
metronidazole main treatment for all forms of human Entamoeba histolytica, satisfactory drug for use in military medicine

Metronidazole (Flagyl; 8,823 R.P.)
Pieri, F.; and Andre, L. J., 1974, Medecine Trop., v. 34 (2), 290-294
comparative study of amoebicidal drugs and their therapeutic effects

Flagyl
Popescu-Iasi, I.; Anastasiu, G.; and Briese, M., 1971, Pediatria, Bucuresti, v. 20 (2), 175-179
giardiasis in humans, technique for administration of flagyl in 4 equally divided doses in one day rather than usual 1 week regimen, given in conjunction with antifungal drug and purgative: Romania

Metronidazole + Diloxanide furoate
Powell, S. J.; Stewart-Wynne, E. J.; and Elsdon-Dew, R., 1973, Ann. Trop. Med. and Parasitol., v. 67 (3), 367-368
Entamoeba histolytica, human, metronidazole combined with diloxanide furoate cured liver abscess and eliminated intestinal infection in most subjects

Metronidazole -- Continued.

Metronidazole
Pudjiadi, S. H.; et al., 1973, Paediat. Indonesiana, v. 13 (4), 113-119
Entamoeba histolytica in children, Ro 7-0207 used in comparative clinical trials with metronidazole showed results equal to that of metronidazole: Jakarta, Indonesia

Metronidazole (Flagyl)
Radermecker, M.; et al., 1974, Internat. Arch. Allergy and Applied Immunol., v. 47 (2), 285-295
various human helminthic or protozoal infections, serum IgE concentration, IgE level often raised in parasitosis with prominent tissue phases and remains normal with helminths restricted to lumen of digestive tract, IgE level tends to increase significantly and rapidly following specific treatment and then to decrease slowly and return to normal in a few months

Metronidazole
Raizman, R. E., 1976, Am. J. Digest. Dis., n.s., v. 21 (12), 1070-1074
human Giardia lamblia, extensive review of current concepts of diagnosis, clinical management and treatment, association with immunodeficiency

Metronidazole
Ramirez Sanchez, C.; and de Cisneros Santos, T. A., 1976, Medicina, Mexico (1212), an. 57, v. 56, 279-282
amoebiasis, human, surgical treatment of hepatic abscesses that had responded poorly to previous metronidazole and emetine therapy: Puebla, Mexico

Metronidazole
Rodgerson, E. B., 1972, Obst. and Gynec., v. 40 (3), 327-333
human Trichomonas vaginalis in presence of vulvar and vaginal papillomas, treatment of trichomoniasis with metronidazole alone or in conjunction with diiodohydroxyquin frequently resulted in changes in or disappearance of papillomas, possible role of Trichomonas in action of viruses: California

Metronidazole (Flagyl)
Roe, F. J. C., 1977, J. Antimicrob. Chemother., v. 3 (3), 205-212
metronidazole, review of uses and toxicity

Metronidazole (1-(2-Hydroxyethyl)-2-methyl-5-nitroimidazole)
Rosenkranz, H. S., jr.; Speck, W. T.; and Stambaugh, J. E., 1976, Mutation Research, v. 38 (3), 203-205
mutagenic activity of metronidazole and its derivatives, results show possibility of dissociating mutagenic activity from antiparasitic activity

Metronidazole (Flagyl)
Sahay, B. K., 1975, Med. and Surg., Bombay, v. 15 (7), 28-29
kala-azar leishmaniasis in young child, case report, successful treatment with metronidazole: Hyderabad, India

Metronidazole -- Continued.

Metronidazole (Flagyl)
Sande, H. A., 1977, Tidsskr. Norske Laegefor., v. 97 (4), 185
human Trichomonas vaginalis vaginitis, successful therapy with metronidazole: Norway

Metronidazole
Savel, J., 1976, Ann. Pharm. Franc., v. 34 (7-8), 249-259
Entamoeba histolytica, Trichomonas vaginalis, ornidazole compared with metronidazole in vitro and in vivo, rats, hamsters

Metronidazole
Schenone, H.; et al., 1973, Bol. Chileno Parasitol., v. 28 (3-4), 104-105
metronidazole used for mass therapy of human intestinal protozoa: Chile

Metronidazole (Flagyl)
Searle, A. J. F.; and Willson, R. L., 1976, Xenobiotica, v. 6 (8), 457-464
metronidazole degradation by intestinal flora, rat caecal contents in vitro

Flagyl
Simpson, G. E. C., 1975, Med. J. Australia, v. 1 (19), 601-602
discussion of human epidemic Giardia lamblia and diagnostic problems involved (diagnosed by response to flagyl treatment), need for investigation into probable epidemiology stressed: Australia

Metronidazole
Spillmann, R.; Ayala, S. C.; and de Sanchez, C. E., 1976, Am. J. Trop. Med. and Hyg., v. 25 (4), 549-551
double-blind test of metronidazole and tinidazole in the treatment of asymptomatic Entamoeba histolytica and E. hartmanni carriers; both drugs considered ineffective

Metronidazole (Flagyl)
Sterner, G.; Lantorp, K.; and Likman, K., 1971, Nord. Med., Stockholm, v. 86 (46), 1343-1346
Giardia lamblia, fecal survey of patients in local hospital revealed 58 persons excreting Giardia in stools, most were recently adopted foreign children and travellers to other countries, clinical management, metronidazole: Danderyd, Sweden

Flagyl
Subrahmanyam, B.; Reddy, Y. R.; and Paul, S., 1976, Indian Vet. J., v. 53 (8), 637-639
Dracunculus medinensis, dog, case report, Flagyl, good results: Kurnool town

Metronidazole
Sunarwan, I.; and Rosekrans, P. C. M., 1976, Nederl. Tijdschr. Geneesk., v. 120 (8), 319-321
Entamoeba histolytica, extensive painful cutaneous ulcer around colostomy stoma of man undergoing treatment for ulcerative colitis finally diagnosed as cutaneous amoebiasis, impressive improvement after metronidazole: Netherlands (resident of Indonesia)

Metronidazole -- Continued.

Metronidazole
Sunoto, 1976, Paediat. Indonesia, v. 16 (9-10), 403-411
intestinal amoebiasis in children, tiberal a promising therapy in comparison clinical trials with metronidazole: Indonesia

Metronidazole
Suteu, E.; Baba, A. I.; and Toader, S., 1976, Zentralbl. Bakteriol., 2. Abt., v. 131 (8), 760-766
Giardia muris, Trichomonas muris, mice, comparative therapeutic value of metronidazole and mecadox

Metronidazole
Tanowitz, H. B.; et al., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (4), 602-606
Entamoeba histolytica, 3 strains grown in axenic culture, effect of varying dosages of metronidazole

Metronidazole (Flagyl)
Tanowitz, H. B.; et al., 1975, Ann. Trop. Med. and Parasitol., v. 69 (1), 19-28
metronidazole, suggested mechanism of antimicrobial action and selective toxicity for Entamoeba histolytica as opposed to mammalian cell types and Trypanosoma cruzi

Metronidazole
Tatra, G., 1972, Munchen. Med. Wchnschr., v. 114 (16), 773-776
human Trichomonas vaginalis causing vulvovaginal infections, dequalinium chloride in combination with metronidazole, good results

Metronidazole (Flagyl)
Underhill, R. A.; and Peck, J. E., 1974, Brit. J. Clin. Pract., v. 28 (4), 134-136
human trichomonal vaginitis, metronidazole, single-dose treatment compared with 7-day therapy: England

Metronidazole
Vakil, B. J.; and Dalal, N. J., 1974, Progr. Drug Research, v. 18, 353-364
Entamoeba histolytica, humans, techniques for comparative evaluation of amoebicidal drugs: sites of action, efficacy, side effects, and toxicity

Metronidazole
Valent, M.; et al., 1977, J. Protozool., v. 24 (2), Suppl., 16A [Abstract]
Trichomonas vaginalis, failure to isolate strain with in vitro resistance to metronidazole

Metronidazole (Flagyl)
Videau, D., 1972, Path. Biol., v. 20 (11-14), 625-630
biological method for assaying amount of drugs (metronidazole, dimetridazole) in human tissues

Metronidazole -- Continued.

Metronidazole
Vijil, C., 1972, N. England J. Med., v. 286 (2), 106-107 [Letter]
Entamoeba histolytica in humans, frequent association with Shigella dysenteriae, need for improved research on pathogenic interaction, dysentery often not relieved without additional amoebicidal therapy with metronidazole: Nicaragua

Metronidazole (Flagyl)
Villarejos, V. M.; et al., 1971, Am. J. Trop. Med. and Hyg., v. 20 (4), 602-607
metronidazole tested as chemoprophylaxis for diarrhea caused by Giardia lamblia and Entamoeba histolytica

Metronidazole (Flagyl)
Voogd, C. E.; van der Stel, J. J.; and Jacobs, J. J. J. A. A., 1974, Mutation Research, v. 26 (6), 483-490
possible mutagenic action of metronidazole and nimorazole used to treat human trichomoniasis and dimetridazole and ronidazole used prophylactically against Histomonas meleagridis in poultry

Metronidazole
Wilde, H., 1973, N. England J. Med., v. 289 (7), 378 [Letter]
Entamoeba histolytica, case reports of poor response of hepatic abscess to metronidazole therapy, cure after emetine, chloroquine and di-iodohydroxyquin: Thailand

Metronidazole
Winkelmann, E.; et al., 1977, Arzneimittel-Forsch., v. 27 (12), 2251-2263
Entamoeba histolytica, Trichomonas foetus, Trypanosoma spp., in golden hamsters and mice (both exper.), laboratory trials with more than 135 new 2-methyl-5-nitroimidazoles substituted in the 1-position and 1-methyl-5-nitroimidazoles substituted in the 2-position, comparison of activity with that of metronidazole and tinidazole

Flagyl
Wittnich, C., 1976, Canad. Vet. J., v. 17 (10), 259-263
Entamoeba histolytica, dog, clinical and laboratory findings, probable transmission from human, Flagyl, flumethasone, good results: southeastern Quebec

Metronidazole (Flagyl)
Yadava, J. N. S.; and Dutta, G. P., 1976, Indian J. Med. Research, v. 64 (4), 562-567
lethal effect of bile on axenic Entamoeba histolytica culture without increased effect on amoebicidal action of metronidazole or emetine, possible etiologic role of inadequate bile secretion as factor in clinical amoebiasis

Metronidazole -- Continued.

Metronidazole
Zawadzki, J., 1977, Przegl. Lek., v. 34 (4), 445-447
Trichomonas vaginalis, canesten used alone or simultaneously with metronidazole in women with vaginitis, less complications after gynecological surgery if treated prophylactically prior to surgery

Metronidazole (Flagyl)
Zuidema, P. J., 1975, Nederl. Tijdschr. Geneesk., v. 119 (35), 1339-1345
Entamoeba histolytica, human hepatic amoebic abscesses, treatment regimens using metronidazole, emetine and diloxanide furoate

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"MF" nitroimidazole. See 1-Methyl-2-(p-fluorophenyl)-5-nitroimidazole.

Miconazole
Duma, R. J.; and Finley, R., 1976, Antimicrob. Agents and Chemotherapy, v. 10 (2), 370-376
Naegleria fowleri, Acanthamoeba castellanii, A. polyphaga, in vitro susceptibility to variety of therapeutic agents, results suggest that amphotericin B is most effective agent against Naegleria but few agents are effective against Acanthamoeba

Miconazole nitrate
Nagington, J.; and Richards, J. E., 1976, J. Clin. Path., v. 29 (7), 648-651
in vitro testing of 24 compounds (9 found promising) for possible cysticidal activity against Acanthamoeba polyphaga and A. castellanii (2 strains), comparison with results with Naegleria gruberi

Minocycline
Jacobs, R. L.; and Koontz, L. C., 1976, Exper. Parasitol., v. 40 (1), 116-123
Plasmodium berghei, mice, induction of resistance to clindamycin and minocycline, cross-resistance patterns and other characteristics of resistant strains

Minocycline
Kaddu, J. B.; and Warhurst, D. C., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (1), 17-18 [Demonstration]
P[lasmodium] berghei, drug-sensitive and -resistant strains, action of minocycline and/or chloroquine

Minocycline (7-Dimethylamino-6-demethyl-6-deoxytetracycline)
Kaddu, J. B.; Warhurst, D. C.; and Peters, W., 1974, Ann. Trop. Med. and Parasitol., v. 68 (1), 41-46
Plasmodium berghei drug sensitive and resistant strains, action of minocycline, in combination with chloroquine the interaction was no more than additive

Minocycline
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

Minocyline
Sherman, I. W.; and Jones, L. A., 1976, J. Protozool., v. 23 (2), 277-281
Plasmodium lophurae, reliable procedure for isolation of active ribosomes, optimal requirements for in vitro synthesis of proteins, effects of variety of drugs on duck reticulocyte and plasmodial ribosomes in cell-free protein-synthesizing systems (restricted selectivity not obtained)

Mintacol. See Diethyl p-nitrophenyl phosphate.

Mintesol. See Thiabendazole.

Mintezol. See Thiabendazole.

Mintic. See Methyridine.

Minzolum. See Thiabendazole.

Miracil-D. See Lucanthone.

Mirasan. See 1-(3-Chloro-p-tolyl) piperazine hydrochloride.

Misonidazole -- 1-(2-Nitro-1-imidazolyl)-3-methoxy-2-propanol; Ro-0582 [i.e., Ro 7-0582].

1-(2-Nitro-1-imidazolyl)-3-methoxy-2-propanol (Ro-0582) [i.e., Ro 7-0582]
Schlemper, B. R., jr.; Chiari, E.; and Brener, Z., 1977, J. Protozool., v. 24 (4), 544-547
Trypanosoma cruzi, 48-hr drug screening test based on inhibition of exponential growth of culture forms as evaluated by cell counter, comparison with data from treating inoculated mice, advantages of in vitro method; culture forms not suitable for screening additives to prevent T. cruzi transmission by banked blood

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Mitecide Otic Solution. See Hexachlorophene or Methoxychlor or Pyrethrin.

MITE-OUT. See Chlorphenamidine.

Mitomycin C
Warhurst, D. C.; Homewood, C. A.; and Baggaley, V. C., 1974, Ann. Trop. Med. and Parasitol., v. 68 (3), 265-281
Plasmodium berghei, erythrocytic forms in vitro, technique for study of autophagic vacuole formation (pigment clumping), effect of chloroquine alone or with various cytotoxic drugs

Mitomycin C
Williamson, J.; and Scott-Finnigan, T. J., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (1), 1-2 [Demonstration]
Trypanosoma congolense, in vitro testing of antiviral and antitumor compounds with possible trypanicidal effects, probable RNA inhibition

Mixture A.E.S. See Amprolium or Ethopabate or Sulfaquinoxaline.

Mobam -- 4-Benzothienyl-N-methylcarbamate; MC-A-600; ENT-27041.

Mobam (MC-A-600; ENT-27041)
Steinberg, M.; et al., 1971, J. Med. Entom., v. 8 (1), 68-72
body lice, human, comparison of Mobam and malathion; susceptibility of natural population of body lice to DDT, lindane, malathion, and Mobam (filter paper method); comparison of susceptibility of wild and laboratory-reared colonies of lice to DDT, lindane, and malathion: Korea

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Molewac. See Pyrvinium.

Molluscicides
Amin, M. A.; Fenwick, A., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 257-264
feasibility of aerial application of molluscicide N-trityl morpholine to irrigation canals: Sudan

Molluscicides
Amin, M. A.; and Fenwick, A., 1977, Ann. Trop. Med. and Parasitol., v. 71 (2), 205-212
human schistosomiasis, aerial applications of N-trityl morpholine, as annual regimen for blanket vector snail control: Gezira irrigated area of Sudan

Molluscicides
Barnish, G.; and Sturrock, R. F., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (4), 610-611 [Letter]
feasibility of controlling Biomphalaria glabrata (vector of Schistosoma mansoni) by aerial application of Bayluscide: St. Lucia

Molluscicides
Chu, K. Y., 1976, Ann. Trop. Med. and Parasitol., v. 70 (3), 365-367
Schistosoma haematobium-mollusciciced area (UAR-0049 project), possible inadequacies in evaluating project: Egypt

Molluscicides
Chu, K. Y., 1976, Bull. World Health Organ., v. 54 (4), 417-420
Schistosoma haematobium, effects of environmental factors on molluscicidal activities of hexabutyldistannoxane and copper sulfate used as vector snail controls

Molluscicides
Crossland, N. O.; et al., 1977, Brit. Vet. J., v. 133 (5), 518-525
Fasciola hepatica, lowland sheep, oxyclozanide and molluscicide trifenmorph, increased productivity and weight gain, increased weight and number of lambs produced: United Kingdom

Molluscicides
Dossaji, S. F.; et al., 1977, Lloydia, v. 40 (3), 290-293
human schistosomiasis, control of snail vectors (Lymnaea natalensis, Biomphalaria pfeifferi) with 5 plant species of Polygonum, best results with P. senegalense forma senegalense, laboratory evaluation

Molluscicides
Duke, B. O. L.; and Moore, P. J., 1976, Tropenmed. u. Parasitol., v. 27 (3), 297-313
Schistosoma haematobium, use of molluscicide (N-tritylmorpholine) to control Bulinus rohlfsi and B. camerunensis vector snails in conjunction with niridazole therapy to control infection in man, campaign strategy, effects of molluscicide on snail control and control of transmission of parasite from snail to man: Barombi Lake foci, Cameroon

Molluscicides
Duke, B. O. L.; and Moore, P. J., 1976, Tropenmed. u. Parasitol., v. 27 (4), 489-504
Schistosoma haematobium, use of human mass therapy with niridazole in conjunction with molluscicide snail control, statistics of extensive program of attempted disease control measures used at the Barombi Lake foci in Cameroon

Molluscicides
Duke, B. O. L.; and Moore, P. J., 1976, Tropenmed. u. Parasitol., v. 27 (4), 505-508
Schistosoma haematobium, evaluation and conclusions of schistosomiasis control program using combined human mass therapy with niridazole and snail control measures, economic importance of parasitism with and without control measures: Barombi Lake foci in Cameroon

Molluscicides
El-Gindy, H. I., 1975, Egypt. J. Bilharz., v. 2 (2), 213-220
laboratory trials with Bayer 73 and mollutox as possible molluscicides of Bulinus and Biomphalaria snail vectors of human schistosomiasis

Molluscicides
Gaaboub, I. A.; Abales, I. M.; and El-Khodary, A. S., 1974, Alexandria J. Agric. Research, v. 22 (2), 257-263
Schistosoma mansoni, comparison of molluscicide, niclosamide, with mosquito larvicides against schistosome-bearing snail, Biomphalaria alexandrina; mosquito larvicides (DDT, Fenthion, Lindane) of no value: surroundings of Alexandria, Egypt

Molluscicides
Gharib, H.; and Tadros, M. B., 1974, Med. J. Cairo Univ., v. 42 (4), 293-301
factors affecting laboratory breeding of Schistosoma mansoni and Schistosoma haematobium vector snails; disinfectant (Halamid) possibly useful as molluscicide

Molluscicides
Jelnes, J. E., 1977, Tr. Roy. Soc. Trop. Med. and Hyg., v. 71 (5), 451 [Letter]
human schistosomiasis snail vectors (Bulinus truncatus), possible resistance to bayluscide used as molluscicide: Iran

Molluscicides
Jordan, P., 1977, Am. J. Trop. Med. and Hyg., v. 26 (5, part 1), 877-886
Schistosoma mansoni, humans, comparative evaluation of snail control, chemotherapy and provision of water supplies as methods for mass control of schistosomiasis; cost, advantages and disadvantages studied: St. Lucia

Molluscicides
Jordan, P.; Woodstock, L.; and Cook, J. A., 1976, Bull. World Health Organ., v. 54 (3), 295-302
Schistosoma mansoni in humans, preliminary parasitological results of pilot mollusciciding campaign, prevalence, incidence and infection intensity in younger age groups after 2 years of snail control: St Lucia, West Indies

Molluscicides
McCoy, L. E.; and Joy, J. E., 1977, Environment. Entom., v. 6 (2), 198-202
tolerance of Sepedon fuscipennis and Dictya sp. larvae (possible biological control agents of schistosome vectors) to concentrations of Bayer 73 (Bayluscide) and sodium pentachlorophenate that readily kill snails

Molluscicides
Mahran, G. H.; et al., 1974, Egypt. J. Bilharz., v. 1 (2), 279-286
possible molluscicidal effects of Canna indica (indigenous plant along canal banks in Egypt) on Biomphalaria alexandrina vector snails of human schistosomiasis

Molluscicides
Meier-Brook, C.; and Tjhen, K. Y. T., 1977, Ann. Trop. Med. and Parasitol., v. 71 (1), 95-100
Marisa cornuarietis as predator of intermediate snail hosts of Schistosoma haematobium and S. mansoni used in conjunction with N-tritylmorpholine for successful control of vectors of human schistosomiasis; additional recommendations for control of M. cornuarietis if needed

Molluscicides
Mohamed, A. M.; et al., 1974, Egypt J. Bilharz., v. 1 (2), 249-259
Biomphalaria and Bulinus vector snails of human schistosomiasis, laboratory screening trials for possible molluscicidal activity of compounds normally used as insecticides, fungicides, and herbicides

Molluscicides
Moreton, R. B.; and Gardner, D. R., 1976, Experientia, v. 32 (5), 611-612
n-trityl morpholine (Frescon), neurophysiological action on Lymnaea stagnalis

Molluscicides
Muraleedharan, K.; et al., 1977, Indian J. Animal Sc., v. 45 (10), 1975, 739-743
Indoplanorbis exustus, snail vector of Schistosoma nasale, molluscicidal efficacies of copper sulphate, sodium pentachlorophenate, and bayluscide, best results with bayluscide

Molluscicides
Nabih, I.; et al., 1975, Egypt. J. Bilharz., v. 2 (2), 177-189
bayluscide and 2 derivatives, biological activity as molluscicides against schistosomiasis vector snails

Molluscicides
Oteifa, B. A.; et al., 1975, Egypt. J. Bilharz., v. 2 (2), 221-243
molluscicidal and ovicidal activity of 19 insecticides against Biomphalaria and Bulinus snail vectors of human schistosomiasis, laboratory trials

Molluscicides
Papadopoulos, I., 1972, Atti Soc. Ital. Sc. Vet., v. 26, 481-482
Fasciola hepatica, incidence in molluscan intermediate hosts, Limnaea truncatula and L. palustris, control of molluscs by Frescon: Sardinia

Molluscicides
Preston, J. M.; and Castelino, J. B., 1977, Brit. Vet. J., v. 133 (6), 600-608
Fasciola gigantica, cattle, abattoir survey, economic losses; seasonal variations of snail (Lymnaea natalensis) populations, control using Frescon as molluscicide: Kenya

Molluscicides
Ryder, T. A.; and Bowen, I. D., 1977, J. Invert. Path., v. 30 (3), 381-386
slug foot as site of uptake of copper molluscicide

Molluscicides
Sharaf, A. A.; et al., 1974, Egypt. J. Bilharz., v. 1 (2), 227-237
Bulinus truncatus and Biomphalaria alexandrina, snail vectors of human schistosomiasis, possible chemical control using triphenyltin hydroxide, laboratory studies

Molluscicides
Shoeb, H. A., 1975, Egypt. J. Bilharz., v. 2 (2), 151-175
molluscicides and their possible modes of action when used against snail vectors of human schistosomiasis, review

Molluscicides
Shoeb, H. A.; and El-Emam, M. A., 1975, Egypt. J. Bilharz., v. 2 (2), 295-300
Egyptian herbs screened for possible use as molluscicides against Bulinus and Biomphalaria snail vectors of human schistosomiasis

Molluscicides
Sturrock, R. F., 1974, Ann. Trop. Med. and Parasitol., v. 68 (4), 427-434
persistence of the molluscicide bayluscide (clonitralide) emulsifiable concentrate on mud surfaces and vegetation, field and laboratory studies, implications for control of aquatic and amphibious snails: St. Lucia

Molluscicides
Sullivan, J. T.; Palmieri, J. R.; and Agoes, R., 1977, Tr. Roy. Soc. Trop. Med. and Hyg., v. 71 (1), 84-85
Echinostoma audyi-infected Lymnaea rubiginosa showed no increased susceptibility to lethal effects of copper sulphate as compared to uninfected snails when exposed for 2 hours

Molluscicides
Tarczynski, S.; and Szepelski, L., 1969, Acta Parasitol. Polon., v. 16 (1-19), 1968-1969, 117-120
Fasciola hepatica, control of snail vector (Galba truncatula) by sprinkling pastures with copper sulphate, reduced the extensiveness of infection in cattle

Molluscicides
Toledo, J. V.; et al., 1976, Bull. World Health Organ., v. 54 (4), 421-425
Schistosoma mansoni, control of Biomphalaria spp. vector snails using slow-release hexabutyldistannoxane and pentachlorophenol, field trials: urban sites in Rio de Janeiro

Molluscicides
Upatham, E. S.; and Sturrock, R. F., 1977, Ann. Trop. Med. and Parasitol., v. 71 (1), 85-93
preliminary trials using bayluscide in the control of Biomphalaria glabrata vector snails of human schistosomiasis: West Indies

Molluscicides
Yasuraoka, K.; et al., 1976, Southeast Asian J. Trop. Med. and Pub. Health, v. 7 (2), 346-347
human schistosomiasis, laboratory trials with new molluscicides (bark of Entada phasholoides and polynactin) for possible use against Oncomelania vector snails

Molluscicides
Yokogawa, M., 1976, Southeast Asian J. Trop. Med. and Pub. Health, v. 7 (2), 322-329
Schistosoma japonicum, humans, review of current control measures, including snail control with molluscicides: Japan

Momordica charantia
Lal, Jawahar; et al., 1976, Indian J. Physiol. and Pharmacol., v. 20 (2), 64-68
Ascaridia galli, in vitro anthelmintic activity of 10 medicinal plants, comparison with piperazine hexahydrate

Momordica charantia aqueous extract
Sharma, L. D.; Bahga, H. S.; and Srivastava, P. S., 1971, Indian J. Animal Research, v. 5 (1), 33-38
Haemonchus contortus, sheep, goats, screening medicinal plant extracts, effective

Monensin -- Coban; Coban 45; Elancoban; Monensin premix; Monensin sodium; Ro 7-6544.

Monensin
Anderson, W. I.; Reid, W. M.; and McDougald, L. R., 1976, Avian Dis., v. 20 (2), 387-394
single and mixed infections of Eimeria adenoides, E. meleagrimitis, and E. gallopavonis, turkeys, monensin, drug efficacy in laboratory and floor-pen experiments, good results

Monensin -- Continued.

Monensin powder (Coban)
Bergstrom, R. C.; and Jolley, W. R., 1977, Vet. Med. and Small Animal Clin., v. 72 (6), 1052-1053
Eimeria spp., sheep, monensin, toxicity at certain dosage levels, appears to be of little value as therapeutic agent but results suggest that it may be effective as a prophylactic coccidiostat or coccidiocide

Monensin sodium (Coban)
Bergstrom, R. C.; and Maki, L. R., 1977, Livestock Advis., v. 2 (8), 35-39
Eimeria ninakohlyakimovae, lambs (exper.), monensin sodium, supressed oocyst count, good feed conversion and body weight gains following treatment

Monensin
Chapman, H. D., 1976, Avian Path., v. 5 (4), 283-290
Eimeria tenella, E. acervulina, E. maxima, incidence in broiler house used for commercial drug trials, resistance to various anticoccidials

Monensin
Chapman, H. D., 1976, Vet. Parasitol., v. 2 (2), 187-196
Eimeria tenella Houghton strain, chickens, monensin and lasalocid unable to completely control infection at 125 ppm, control achieved at higher levels but monensin was toxic, resistance could not be developed to either drug after 12 serial passages, however serial passage in presence of monensin resulted in increase in pathogenicity

Monensin
Damron, B. L.; et al., 1977, Poultry Science, v. 56 (5), 1487-1491
coccidiostats lasalocid or monensin in combination with roxarsone and various levels of methionine, broiler performance and processing characteristics

Monensin
Fitzgerald, P. R.; and Mansfield, M. E., 1973, J. Protozool., v. 20 (1), 121-126
Eimeria bovis, Holstein-Friesian calves (exper.), monensin incorporated in pelleted feed protected against severe clinical coccidiosis, observations on oocyst discharge in feces, clinical signs, weight gains, food consumption, hemoglobin, packed cell volume, total serum protein, sodium and potassium content of serum, and differential white cell count

Monensin sodium (Coban)
Foreyt, W. J.; Todd, A. C.; and Hartsough, G. R., 1977, Am. J. Vet. Research, v. 38 (3), 391-394
Isospora laidlawi, Eimeria vison and Eimeria sp. in Mustela vison (exper.), good results

Monensin
Jeffers, T. K., 1977, Poultry Science, v. 56 (5), 1725 [Abstract]
Eimeria tenella, E. maxima, E. acervulina, broiler flocks, no development of monensin resistance following long-term drug exposure

Monensin -- Continued.

Monensin (Elancoban)
Joyner, L. P.; and Norton, C. C., 1977, Parasitology, v. 75 (2), 155-164
Eimeria spp., anticoccidial effects of amprolium alone or with ethopabate, dinitolmide, and monensin with particular reference to oocyst sporulation, significance of effects on gametogony and sporogony

Monensin
Karlsson, T.; and Reid, W. M., 1977, Poultry Science, v. 56 (5), 1727-1728 [Abstract]
Eimeria tenella, broilers given immunizing doses of E. tenella failed to develop immunity while being medicated with monensin; developed partial immunity if medicated with robenidine or zoalene

Monensin sodium
Kingston, D. J., 1977, Austral. Vet. J., v. 53 (5), 251-252 [Letter]
monensin sodium and decoquinate, male chickens, delayed maturation of feathers in chickens fed monensin sodium but not when fed decoquinate

Elancoban (Monensin)
Lee, Y. C.; Hsieh, F. F.; and Chien, C. Y., 1976, J. Chinese Soc. Vet. Sc., v. 2 (1), 44-47
Eimeria tenella, broilers, Stenorol in feed, superior to Elancoban or Amprol-plus as prophylactic treatment, no remarkable differences among treatments in weight gain and feed consumption

Monensin (Elancoban)
Long, P. L.; and Millard, B. J., 1977, Avian Path., v. 6 (3), 227-233
coccidiosis, turkeys treated with sulphaquinoxaline and monensin, evaluation of infection by number of oocysts in litter, good control and improved weight gain with monensin

Monensin (Coban)
McDougald, L. R., 1976, Poultry Science, v. 55 (6), 2442-2447
Eimeria adenoides, E. meleagrimitis, E. gallopavonis, turkeys, monensin, good efficacy, increased host growth

Monensin
McDougald, L. R.; and Galloway, R. B., 1976, Exper. Parasitol., v. 40 (3), 314-319
Eimeria tenella, various anticoccidial drugs, in vitro and in vivo techniques used to observe effects on (1) viability of extracellular sporozoites, (2) penetration of sporozoites into host cells, (3) survival of intracellular sporozoites for 24 hr postinoculation

Monensin
McLoughlin, D. K.; and Chute, M. B., 1973, Avian Dis., v. 17 (4), 717-721
Eimeria tenella, chickens (exper.), nequinate, good results against a sensitive strain and strains resistant to non-quinoline coccidiostats, development of nequinate-resistant strain, cross-resistance study

Monensin -- Continued.

Monensin (Ro7-6544)
Melton, M. L.; and Sheffield, H. G., 1975, J. Parasitol., v. 61 (4), 713-717
Toxoplasma gondii, degree of inhibition of penetration and multiplication in cultured cells by lasalocid, monensin, ormetoprim, sulfadimethoxine, and a combination of the latter two

Monensin
Mylari, B. L.; et al., 1977, J. Med. Chem., v. 20 (4), 475-483
Eimeria spp. in chickens, 1-benzyl-6-azauracils as potential new anticoccidials, comparison trials with several experimental and commercial anticoccidials

Monensin
Reid, W. M.; et al., 1976, Poultry Science, v. 55 (4), 1436-1441
Eimeria tenella, E. acervulina, chickens, high environmental temperatures, reduction of anticoccidial feed intake, results suggest decreases in feed and anticoccidial intake during heat-stress could seldom cause coccidiosis breaks under field conditions

Monensin
Reid, W. M.; et al., 1977, Poultry Science, v. 56 (1), 66-71
coccidiosis, chicks, monensin, development of immunity dependent upon drug level, treatment time, and oocyst exposure

Monensin
Ruff, M. D.; and Jensen, L. S., 1977, Poultry Science, v. 56 (6), 1956-1959
white leghorn hens fed anticoccidial monensin, highest dose reduced production, quality and hatchability of eggs, lower doses had no adverse effect

Monensin premix (Coban 45)
Ruff, M. D.; Reid, W. M.; and Rahn, A. P., 1976, Am. J. Vet. Research, v. 37 (8), 963-967
coccidiosis in broilers, different levels of monensin, body weight gain, feed conversion, lesion score, mortality, skin and blood pigmentation

Monensin
Ryley, J. F.; and Hardman, L., 1977, Parasitology, v. 75 (2), xv [Abstract]
Eimeria spp., effect of vitamin K-deficient diets on infection and in particular on effectiveness of anti-coccidial drugs, concluded that use of deficient diet in screening and evaluating drugs is justified

Monensin
Ryley, J. F.; and Wilson, R. G., 1976, Parasitology, v. 73 (2), 137-148
Eimeria tenella, practical considerations involved in screening drugs in cell culture and in the chicken, analysis for incidence of anticoccidial activity and host cell toxicity based on 11,550 compounds screened in vitro, correlation of activity in vitro and in vivo attempted, results show that screening compounds in vitro is not satisfactory or reliable alternative to screening in chickens, but in vitro studies can play a part in evaluation of active drugs

Monensin -- Continued.

Monensin (Elancoban)
Spiess, H., 1976, Tierarztl. Umschau, v. 31 (7), 316-319
coccidiosis, poultry, Monensin in feed as prophylaxis, compared with Nicarbazin and Amprolmix

Monensin
Weppelman, R. M.; et al., 1977, Poultry Science, v. 56 (5), 1550-1559
Eimeria tenella, E. acervulina, E. maxima, chicks, narasin, monensin, lasalocid, comparison of efficacy, resistance and tolerance

Monensin
Weppelman, R. M.; Battaglia, J. A.; and Wang, C. C., 1977, Exper. Parasitol., v. 42 (1), 56-66
Eimeria tenella, selection and frequency of drug-resistant mutants in chickens medicated with optimal levels of drugs, mutants resistant to amquinate or glycarbylamide were isolated but this procedure failed to yield mutants resistant to amprolium, nicarbazin, robenidine, or monensin

Monensin
Wilson, R. G., 1976, Parasitology, v. 73 (3), 283-286
Eimeria tenella, short-term application of 6 drugs in tissue culture, evaluation of coccidiocidal vs. coccidiostatic effect, necessity of monitoring technique to confirm drug withdrawal, importance of realistic level of drug dose

Monensin sodium
Wyatt, R. D.; Ruff, M. D.; and Page, R. K., 1975, Avian Dis., v. 19 (4), 730-740
chicks, interaction of aflatoxin with Eimeria tenella infection and monensin: E. tenella and aflatoxin in combination significantly increased mortality and weight depression, and caused more severely reduced hemoglobin, packed cell volume, and plasma pigmentation; monensin sodium did not completely prevent mortality and weight depression in a mixed infection; coccidial lesion scores were less for combination of E. tenella and aflatoxicosis than for coccidiosis alone

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Monensin premix. See Monensin.

Monensin sodium. See Monensin.

Monocrotophos -- Dimethyl phosphate ester with (E)-3-hydroxy-N-methylcrotonamide; Shell SD-9129.

Monocrotophos (Shell SD-9129)
Drummond, R. O.; et al., 1976, J. Econom. Entom., v. 69 (1), 37-40
Boophilus annulatus, B. microplus, acaricides, laboratory tests, spray and dip tests with cattle

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Monomycin. See Paromomycin.

Monesin -- Continued.

Monopar. See Stilbazium iodide.

Montrel. See Crufomate.

Morantel -- Banminth II; Banminth D (with Diethylcarbamazine); Borantel; Bovhelm-plus (with Diethylcarbamazine citrate); Exhelm II; Exhelm-E; trans-2[2-(3-Methyl-2-thienyl) vinyl] 1-methyl-1,4,5,6-tetrahydropyrimidine; Morantel tartarate; Morantel tartrate; Ovithelm-plus (with Diethylcarbamazine citrate); Palaban.

Morantel tartrate (Banminth II)
Anderson, P. J. S.; and Marais, F. S., 1972, J. South African Vet. Ass., v. 43 (3), 271-285
nematodes of sheep and goats, morantel tartrate, efficiency trials

Morantel tartrate (Borantel)
Anderson, P. J. S.; and Marais, F. S., 1975, J. South African Vet. Ass., v. 46 (4), 325-329
adult gastrointestinal nematodes, calves, controlled trials with morantel tartrate

Morantel tartrate (Banminth II)
Bali, M. K.; and Singh, R. P., 1976, Indian J. Animal Research, v. 10 (2), 111-112
Haemonchus contortus, Oesophagostomum sp., Trichostrongylus sp., Trichuris sp., sheep, goats, morantel tartrate, good results against all parasites except for Trichuris sp.

Morantel tartrate (Banminth II)
Chhabra, R. C.; Bali, H. S.; and Toor, L. S., 1976, J. Research, Punjab Agric. Univ., v. 13 (3), 308-311
gastrointestinal strongyles in sheep, critical drug evaluation, thiabendazole (most effective), tetramisole (good results), morantel tartrate (fair results), clioxanide and methyridine (least effective): India

Morantel tartrate
Coles, G. C.; and McNeillie, R. M., 1977, J. Helminthol., v. 51 (4), 323-326
dietary feeding of drugs for 5 days to mice infected with Nematospiroides dubius and Hymenolepis nana detected all modern anthelmintics examined except stilbazium; simple test using N. spathiger eggs and Nippostrongylus brasiliensis adults to detect anthelmintics in vitro

Morantel tartrate
Cornwell, R. L.; Jones, R. M.; and Pott, J. M., 1973, Brit. Vet. J., v. 129 (6), 518-525
gastrointestinal nematodes and lungworms, calves (exper.), morantel tartrate, efficacy in 5 controlled trials, toxicity experiments demonstrate wide safety margin

Morantel tartrate
Cornwell, R. L.; Jones, R. M.; and Pott, J. M., 1973, Brit. Vet. J., v. 129 (6), 526-532
cattle, morantel tartrate, good results against Cooperia sp., Ostertagia sp., and Trichostrongylus sp., increased weight gain in treated cattle, field trials: United Kingdom

Morantel -- Continued.

Morantel tartrate
Cornwell, R. L.; Jones, R. M.; and Pott, J.M., 1973, Research Vet. Sc., v. 14 (1), 134-136
Parascaris equorum, foals, critical trials with morantel tartrate

Morantel + Diethylcarbamazine (= Banminth D)
Cornwell, R. L.; Jones, R. M.; and Pott, J. M., 1973, Vet. Rec., v. 92 (20), 551-554
control of clinical infections of gastrointestinal nematodes and lungworms in calves using morantel/diethylcarbamazine solution, field trials, good results as measured by growth response and clinical symptoms; routine treatment economically sound under conditions of heavy infection

Morantel
Downey, N. E.; and O'Shea, J., 1977, Vet. Rec., v. 100 (13), 265-266
Dictyocaulus viviparus, Ostertagia ostertagi, Cooperia oncophora, calves (exper.), low dose levels of levamisole or morantel administered via drinking water, good results

Morantel tartrate
Hiepe, T., 1972, Schweiz. Arch. Tierh., v. 114 (12), 613-614
Parascaris equorum; Strongyloides westeri, sports horses of all ages, Morantel tartrate, good results

Morantel tartrate + Diethylcarbamazine
Kadhim, J. K.; Jabbir, M. H.; and Altaif, K. I., 1972, Research Vet. Sc., v. 13 (6), 597-599
Dictyocaulus filaria, goats (exper.), comparison between efficacy of tetramisole vs. morantel/diethylcarbamazine

Morantel tartrate (Banminth II)
Kelly, J. D.; et al., 1977, Research Vet. Sc., v. 22 (2), 161-168
Haemonchus contortus, Trichostrongylus colubriformis, resistant or susceptible to thiabendazole, sheep, effect of route of administration (oral, intra-ruminal or intra-abomasal) on efficacy of benzimidazole anthelmintics

Morantel tartarate (Banminth-II)
Kulkarni, D.; Rao, Y. V. B. G.; and Rao, B. V., 1977, Indian Poultry Rev., v. 8 (17), 14-16
Ascaridia galli, chickens (exper.), tetramisole, morantel tartarate, wopell, anthelmintic efficacy, laboratory trial, tetramisole and morantel tartarate most effective against immature and mature stages, wopell only partially effective

Morantel-tartrat (Banminth II)
Laemmler, G.; and Gruener, D., 1976, Berl. u. Munchen. Tierarztl. Wchnschr., v. 89 (11), 222-225; (12), 229-233
Capillaria hepatica in Mastomys natalensis, comparative activity of 24 anthelmintics, possible model screening system

Morantel -- Continued.

Morantel tartrate
  Le Jambre, L. F.; Southcott, W. H.; and Dash, K. M., 1976, Internat. J. Parasitol., v. 6 (3), 217-222
    Haemonchus contortus, dose mortality response of strains selected by thiabendazole or by thiabendazole plus morantel tartrate to thiabendazole, morantel tartrate, or levamisole, results indicate that resistance to thiabendazole is due to a single gene and resistance to morantel tartrate is polygenic in nature

Morantel tartrate
  Le Jambre, L. F.; Southcott, W. H.; and Dash, K. M., 1977, Internat. J. Parasitol., v. 7 (6), 473-479
    Ostertagia circumcincta, resistance of selected lines to thiabendazole, morantel tartrate, and levamisole following 8 generations of selection in the laboratory and up to 4 years selection in the field: Australia

Morantel tartrate (Banminth II)
  Lodha, K. R.; Raisinghani, P. M.; and Karwasra, R. S., 1977, Indian J. Animal Sc., v. 47 (10), 677-682
    helminths, camels, promintic and banminth II effective, nilverm inconsistent in action, thiabendazole ineffective

Banminth II
  dos Santos, M. D.; Viana, E. S.; and Ferreira, J. M., 1976, Arq. Escola Vet. Minas Gerais, v. 28 (3), 297-306
    influence of diet, banminth II and gastrointestinal nematodes on serum proteins of sheep

Morantel tartrate (Exhelm-E; Palaban)
  Scott, P., 1977, N. Zealand Vet. J., v. 25 (12), 373-378
    detailed review of some modern equine anthelmintics, efficacy and safety

Morantel tartrate
  Stewart, T. B.; Ciordia, H.; and Utley, P. R., 1975, Am. J. Vet. Research, v. 36 (6), 785-787
    feedlot cattle with subclinical parasitism (heifer calves, yearling heifers, yearling steers), treatment with levamisole HCl or morantel tartrate or not treated, correlation with worm populations, worm egg counts, weight gains, and feed conversion efficiencies, possible economic advantage of treatment

Morantel tartrate
  Troncy, P. M.; and Oumate, O., 1973, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 26 (2), 189-198
    Strongylidae of zebu, morantel tartrate, efficacy, toxicity: Tchad

Morantel tartrate
  Troncy, P. M.; and Oumate, O., 1973, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 26 (2), 199-202
    Neoascaris vitulorum, Strongyloides papillosus, Zebu calves, morantel tartrate: Tchad

Morantel -- Continued.

Morantel tartrate
  Troncy, P. M.; and Oumate, O., 1976, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 26 (3), 229-232
    gastrointestinal parasites, Camelus dromedarius, morantel tartrate, drug efficacy; good results against Strongylidae: Tchad

Banminth-II
  Vashishta, M. S.; and Singh, R. P., 1977, Livestock Advis., v. 2 (7), 35-38
    Haemonchus epidemic in sheep and goats, banminth-II, fenbendazole, helmatac, thibenzole, good results; development of geophagia in survivals or treated groups: Haryana

Morantel tartrate
  Vassiliades, G.; et al., 1975, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 28 (3), 315-317
    Thelazia rhodesi, bovine, treatment with Morantel tartrate, levamisole, tetramisole and levamisole chlorhydrate, all effective; lugol, ineffective: Casamance (Senegal)

Morantel tartrate (Exhelm II)
  Vassiliades, G.; and Toure, S. M., 1975, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 28 (4), 481-489
    digestive strongylosis, sheep, morantel tartrate, with or without anticoccidian drug (Cozurone), good control of all except Strongyloides

Morantel tartarate + Diethylcarbamazine citrate (Ovithelm-plus; Bovhelm-plus)
  Vujic, B.; Pop-Cenic, S.; and Blagojevic, R., 1976, Vet. Glasnik, v. 30 (1), 11-17
    sheep, morantel tartarate + diethylcarbamazine effective against Dictyocaulus filaria and most gastrointestinal helminths except Strongyloides papillosus, Trichuris ovis, and Moniezia sp.

Morantel tartarate. See Morantel.

Morantel tartrate. See Morantel.

Moranyl. See Suramin.

1-(N-2-Morpholino-ethyl)-5-nitroimidazole. See Nitrimidazine.

L-5-Morpholinomethyl-3-(-5-nitrofurfurylidene-amino)-2-oxazolidinone HCl. See Furaltadone.

5-Morpholinomethyl-3-(5-nitro-1-methyl-2-imidazolyl-methylene-amino)-2-oxazolidinone-hydrochloride (ZK 25 095)
  Kessler, H. J.; Schulz, V.; and Wagener, B., 1976, Arzneimittel-Forsch., v. 26 (7), 1371-1375
    distribution, absorption and elimination of trichomonocidal drug ZK 25 095 tested in normal subjects

Moxipraquine -- BW 349C59; 349C59; 8-[6-N'-(3-Hydroxybutyl)] piperazinohexyl-amino-6-methoxyquinoline.

Moxipraquine (349C59)
Beveridge, E., 1977, Tr. Roy. Soc. Trop. Med. and Hyg., v. 71 (5), 384-385 [Demonstration]
Trypanosoma cruzi, mice treated with nitrofurazone or moxipraquine, variations in Trypanosoma strains in response to drugs

BW 349C59
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

BW 349C59
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

Moxipraquine -- Continued.

8-[6-N'-(3-Hydroxybutyl)] piperazinohexyl-amino-6-methoxyquinoline (349C59)
Schlemper, B. R., jr.; Chiari, E.; and Brener, Z., 1977, J. Protozool., v. 24 (4), 544-547
Trypanosoma cruzi, 48-hr drug screening test based on inhibition of exponential growth of culture forms as evaluated by cell counter, comparison with data from treating inoculated mice, advantages of in vitro method; culture forms not suitable for screening additives to prevent T. cruzi transmission by banked blood

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MSbE. See Melaminylphenylstibonic acid.

Multispec. See Mebendazole.

Musa paradisiaca aqueous extract
Sharma, L. D.; Bahga, H. S.; and Srivastava, P. S., 1971, Indian J. Animal Research, v. 5 (1), 33-38
Haemonchus contortus, sheep, goats, screening medicinal plant extracts, effective

Mylepsinum. See Primaclone.

Mysteclin-V. See Amphotericin B or Tetracycline.

Naftalofos. See Phthalophos.

Naganin. See Suramin.

Naganol. See Suramin.

Naled
Rawlins, S. C.; and Mansingh, A., 1977, J. Econom. Entom., v. 70 (6), 697-698
Boophilus microplus, Amblyomma cajennense, and Anocentor nitens, susceptibility of Jamaican strains to various acaricides

Naled
Rawlins, S. C.; and Mansingh, A., 1977, PANS, v. 23 (2), 137-142
Boophilus microplus, Jamaican strain, susceptibility to 35 acaricides, carbamates more effective than organophosphates or formamidines, chlorinated hydrocarbons least effective, comparison of resistance pattern with susceptible and resistant Australian strains

Nankor. See Ronnel.

Naphthalophos. See Phthalophos.

Naphthalophosphates
Hollo, F., 1971, Parasitol. Hungar., v. 4, 104-114
trichostrongyloidiasis in sheep causing gastro-enteritis, comparative trials of various anthelmintics showed tetramisole to be treatment of choice

Naphtholdisulfonate and Pamaquine diphosphate
Fink, E.; et al., 1973, Prog. Med., Paris, v. 101 (7), 281 [Abstract]
Plasmodium berghei yoelii, mice (exper.), establishment of mean causal prophylactic dose of selected antimalarial and experimental compounds

1-Naphthyl-N-methylcarbamate. See Carbaryl.

Naphuride. See Suramin.

Naphuride sodium. See Suramin.

Narasin
Weppelman, R. M.; et al., 1977, Poultry Science, v. 56 (5), 1550-1559
Eimeria tenella, E. acervulina, E. maxima, chicks, narasin, monensin, lasalocid, comparison of efficacy, resistance and tolerance

Naxogin. See Nitrimidazine.

Nebacetin. See Bacitracin or Neomycin.

Neftin. See Furazolidone.

Neguvon. See Trichlorfon.

Nekel. See Dithiazanine.

Nemafax. See Thiophanate.

Nemafax P wormer pellets. See Piperazine or Thiophanate.

Nemafax sow wormer pellets. See Thiophanate.

Nemasole. See Mebendazole.

Nematodicides
Suswillo, R. R.; and Denham, D. A., 1977, J. Parasitol., v. 63 (3), 591-592
Brugia pahangi, transplanted infections in Meriones unguiculatus as a new system of testing drugs for filaricidal activity

Nematorazine. See Piperazine.

Nemicide. See Tetramisole.

Neminil. See Parbendazole.

Neoblu aerosol
Bergeland, M. E.; Todd, K. S., jr.; and Ohlendorf, L. F., 1976, Proc. Helminth. Soc. Washington, v. 43 (2), 230-231
Pelodera strongyloides, dermatitis in sheep: northern Illinois

Neocarzinostatin
Ono, T.; and Nakabayashi, T., 1976, Biken J., v. 19 (4), 171-177
Trypanosoma gambiense, morphology following neocarzinostatin injection in mice (exper.), anucleate forms, unusual structures, electron microscopy

Neocid. See DDT.

Neohypodermin. See Trichlorfon.

Neo Kurehasol. See Cresol or Paradichlorobenzene.

Neomycin -- Nebacetin (with Bacitracin); Neomycin sulphate; Neosporin (with Polymyxin B); Tresaderm (with Dexamethasone and Thiabendazole).

Tresaderm
Bullmore, C. C.; et al., 1976, Feline Pract., v. 6 (6), 36
Trombicula alfreddugesi, cat (ears), case report, tresaderm

Neomycin
Madatov, R. I.; and Mershchiev, V. M., 1973, Vestnik Sel'skokhoz. Nauki Kazakhstana (11), 75-78
nosematosis, bees, chemotherapy, sulfapyridazine + chlortetracyclin most effective

Neomycin + Polymyxin B (=Neosporin)
Nagington, J.; and Richards, J. E., 1976, J. Clin. Path., v. 29 (7), 648-651
in vitro testing of 24 compounds (9 found promising) for possible cysticidal activity against Acanthamoeba polyphaga and A. castellanii (2 strains), comparison with results with Naegleria gruberi

Neomycin sulphate
Nagington, J.; and Richards, J. E., 1976, J. Clin. Path., v. 29 (7), 648-651
in vitro testing of 24 compounds (9 found promising) for possible cysticidal activity against Acanthamoeba polyphaga and A. castellanii (2 strains), comparison with results with Naegleria gruberi

Neomycin + Bacitracin (= Nebacetin)
Tan-Lim, K. N.; and Pluis, A. H., 1972, Nederl. Tijdschr. Geneesk., v. 116 (24), 1013-1016
Tunga penetrans in humans, case reports and clinical management, prophylaxis, local application of nebacetin or ichthyol: Netherlands (infections contracted in Cameroon and Surinam)

Neomycin sulphate. See Neomycin.

Neosporin. See Neomycin or Polymyxin B.

Neostibosan. See Ethylstibamine.

Nequinate. See Methyl benzoquate.

Nevin (Chemie Grunenthal GmbH). See Sulfamoxole or Trimethoprim.

Ni3
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

Ni 147/36
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

Nicarbazin -- 4,4'-Dinitrocarbanilide and 2-Hydroxy-4,6-dimethyl-pyrimidine.

Nicarbazin
Antunes, C. M. F.; et al., 1974, Ann. Trop. Med. and Parasitol., v. 68 (2), 237-238
Schistosoma mansoni, unsuccessful attempt to obtain infertile live worms in mice (by using nicarbazin in a long therapeutic schedule) to act as 'living vaccine'

Nicarbazin
McDougald, L. R.; and Galloway, R. B., 1976, Exper. Parasitol., v. 40 (3), 314-319
Eimeria tenella, various anticoccidial drugs, in vitro and in vivo techniques used to observe effects on (1) viability of extracellular sporozoites, (2) penetration of sporozoites into host cells, (3) survival of intracellular sporozoites for 24 hr postinoculation

Nicarbazin
McLoughlin, D. K.; and Chute, M. B., 1973, Avian Dis., v. 17 (4), 717-721
Eimeria tenella, chickens (exper.), nequinate, good results against a sensitive strain and strains resistant to non-quinoline coccidiostats, development of nequinate-resistant strain, cross-resistance study

Nicarbazin
Mitrovic, M.; and Schildknecht, E. G., 1975, Poultry Science, v. 54 (3), 750-756
Eimeria tenella, chicks, efficacy of lasalocid against sulfaquinoxaline, nicarbazin, zoalene, amprolium, clopidol and 4-hydroxyquinoline resistant E. tenella strains; no resistance to lasalocid induced

Nicarbazin
Ryley, J. F.; and Wilson, R. G., 1976, Parasitology, v. 73 (3), 287-309
Eimeria tenella, features of anticoccidial activity of 9 older anticoccidials re-investigated both in vivo and in cell culture, methodology discussed in relation to more active and more recent anticoccidials, further experiments with robenidine reported

Nicarbazin
Spiess, H., 1976, Tierarztl. Umschau, v. 31 (7), 316-319
coccidiosis, poultry, Monensin in feed as prophylaxis, compared with Nicarbazin and Amprolmix

Nicarbazin -- Continued.

Nicarbazin
Weppelman, R. M.; Battaglia, J. A.; and Wang, C. C., 1977, Exper. Parasitol., v. 42 (1), 56-66
Eimeria tenella, selection and frequency of drug-resistant mutants in chickens medicated with optimal levels of drugs, mutants resistant to amquinate or glycarbylamide were isolated but this procedure failed to yield mutants resistant to amprolium, nicarbazin, robenidine, or monensin

Nicarbazin
Wilson, R. G., 1976, Parasitology, v. 73 (3), 283-286
Eimeria tenella, short-term application of 6 drugs in tissue culture, evaluation of coccidiocidal vs. coccidiostatic effect, necessity of monitoring technique to confirm drug withdrawal, importance of realistic level of drug dose

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Niclofolan -- Bayer 9015; Bilevon-M; Bilevon-R; Dertil; 5,5'-Dichlor-2,2'-dihydroxy-3,3'-dinitro-biphenyl; 5,5'-Dichloro-2,2'-dihydroxy-3,3'-dinitro-biphenyl; 5,5-Dichloro-3,3'-dinitro-biphenyl-2,2'-diol; 5,5'-Dichloro-3,3'-dinitro-0,0-diphenol; 2,2'-Dihydroxy-3,3'-dinitro-5,5'-dichloro-diphenyl; Distolon; Menichlophalan; Menichlopholan.

Niclofolan (Bilevon-R)
Chhabra, R. C.; and Bali, H. S., 1976, J. Research, Punjab Agric. Univ., v. 13 (2), 226-231
amphistomes in cattle and buffaloes, drug efficacy under field conditions, oxyclozanide (most effective), clioxanide (good results), niclosamide, niclofolan and hexachlorophene (least effective): Punjab, India

Distolon
Czerwinska-Ciechan, K., 1972, Polski Tygod. Lekar., v. 27 (44), 1729-1730
accidental distolon poisoning of young child resulting in myelitis and systemic signs of acute poisoning

Menichlophalan (Bilevon-M)
Danielli, Y.; and Neuman, M., 1975, Refuah Vet., v. 32 (4), 94-95, 153-154
mixed parasites, cattle, good results following repeated chemotherapy: Birkat Ata

Bilevon-M (Bayer 9015; 5,5'-Dichloro-2,2'-dihydroxy-3,3'-dinitro-biphenyl)
Dimitrov, G.; and Kanchev, L., 1970, Vet. Med. Rev. (1), 13-16
Fasciola hepatica, sheep, treatment with Bayer 9015 (Bilevon-M) in tablet form administered with forceps, some toxicosis in yearlings subsiding by 5th day, effective control of number of liver fluke eggs found in feces

Niclofolan -- Continued.

Niclofolan (Bilevon-R; 5,5'-Dichlor-2,2'-dihydroxy-3,3'-dinitro-biphenyl)
Flucke, W.; and Guenther, W., 1970, Vet. Med. Rev. (1), 3-12
Fasciola hepatica, naturally infested breeding sows, treatment with Bilevon-R capsules administered in feed effectively controls liver-flukes with no demonstrable side effects

Niclofolan
Huebler, D., 1975, Pharmazie, v. 30 (5), 324-326
Fasciola hepatica, rabbits superior to rats as experimental host for screening trials of fasciolicides, laboratory trials using known anthelmintics

Dertil (Niclofolane)
Kobulej, T.; and Udvarhelyi, J., 1976, Acta Vet., Budapest, v. 26 (3), 335-340
liver flukes, cattle, injectable dertil, good results, no toxicity: Sarfimizdo, Hungary

Dertil (Niclofolan)
Kobulej, T.; and Udvarhelyi, J., 1976, Magy. Allat. Lapja, v. 98, v. 31 (12), 763-765
Fasciola, cattle, dertil, injectable preparation

Bilevon-R (Menichlopholan)
Koopman, J. J., 1970, Proc. 6. Internat. Conf. Cattle Dis. (Philadelphia, Aug. 16-20, 1970), 357-359
fascioliasis, cattle, sheep, suggestions for treatment and prevention in the Netherlands; testing of Acedist, Bilevon-R, comparison with hexachlorophene

Niclofolan (Bilevon M)
Michalek, A.; and Vodrazka, J., 1977, Veterinaria, Praha, v. 19 (1-2), 13-27
fascioliasis, lactic dehydrogenase isoenzyme activity in blood of sheep after administration of fasciolicides to measure effect on liver

Menichlopholan (Bayer 9015)
Nwokolo, C.; and Volkmer, K. J., 1977, Am. J. Trop. Med. and Hyg., v. 26 (4), 688-692
Paragonimus uterobilateralis in humans, clinical trials using single dose therapy with menichlopholan, results compare favorably with bithionol making menichlopholan the drug of choice for paragonimiasis in Africa

Niclofolan
Stammers, B. M., 1975, Ztschr. Parasitenk., v. 47 (2), 145-150
Fasciola hepatica, disruption of spermatogenesis, known fasciolicides and other anthelmintics tested

Niclosamide -- n-(2'-Chlor-4'-nitrophenyl)-5-chlorsalicylamide; n-(2-Chloro-4-nitrophenyl-5-chlorosalicylamide; Depifen (with Phenothiazine and Piperazine); Devermin; 2',5-Dichloro-4'-nitrosalicylanilide; 5,2-Dichloro-4-nitro-salicylicanilide; Fenasal; Lintex; Mansonil; Mebeciclol (with Mebendazole and Tinidazole); Radeverm; Tredemine; Vermitin; Yomesan.

Lintex (Niclosamide)
Abrams, L., 1976, J. South African Vet. Ass., v. 47 (3), 171-173
Choanotaenia infundibulum, battery-housed laying hens, insecticide spraying caused infected intermediate host flies to fall into food troughs, when eaten by hens infection resulted, lintex in feed, marked improvement in egg production; insect growth regulator in feed, passed in manure, good fly control

Niclosamide (Mansonil)
Amer, A. A.; El-Amrousi, S.; and El-Hammady, H. Y., 1976, Vet.-Med. Nachr. (1), 18-31
Ascaridia galli, chickens (nat. and exper.), tetramisole, niclosamide, efficacy of drugs administered singly and in combination, drug trials

Niclosamide + Tetramisole
Amer, A. A.; El-Amrousi, S.; and El-Hammady, H. Y., 1976, Vet.-Med. Nachr. (1), 18-31
Ascaridia galli, chickens (nat. and exper.), tetramisole, niclosamide, efficacy of drugs administered singly and in combination, drug trials

Niclosamide (Yomesan)
Best, J. C.; et al., 1976, Med. J. Australia, v. 1 (1-2), 14-20
assessment of growth-rate and growth-retardation in Australian Aboriginal children before and after treatment for common intestinal parasites

Nicolsamide + Tinidazole + Mebendazole (= Mebeciclol)
Biagi, F.; Smyth, J.; and Gonzalez, C., 1975, Prensa Med. Mexicana, v. 40 (5-6), 189-192
human intestinal parasites, clinical trials with mebeciclol show it to be useful drug against many parasites and therefore recommended for mass therapy in low socioeconomic areas where multiple parasitism is likely to be present: Mexico

Yomesan
Boron-Kaczmarska, A.; et al., 1977, Zentralbl. Bakteriol., 1. Abt. Orig., Reihe A, v. 239 (3), 414-418
Taenia saginata, patients before and after Yomesan treatment, serum levels of IgG, IgA, and IgM, blastic lymphocyte transformation following phytohaemagglutinin stimulation

Niclosamide
Bryan, R. P., 1976, Austral. Vet. J., v. 52 (9), 403-408
nematodes, paramphistomes, young beef cattle, growth rates, levamisole, niclosamide

Niclosamide -- Continued.

Yomesan
Bull, F.; and Oyarce, R., 1966, Bol. Chileno Parasitol., v. 21 (1), 22
Dipylidium caninum in children, one child cured with yomesan after proglottids discovered in feces, second case discovered in ileum at autopsy: Concepcion, Chile

Niclosamide (Mansonil)
Chhabra, R. C.; and Bali, H. S., 1976, J. Research, Punjab Agric. Univ., v. 13 (2), 226-231
amphistomes in cattle and buffaloes, drug efficacy under field conditions, oxyclozanide (most effective), clioxanide (good results), niclosamide, niclofolan and hexachlorophene (least effective): Punjab, India

Niclosamide (Yomesan)
Cohen, R.; and Mackey, K., 1977, West. J. Med., San Francisco, v. 127 (4), 340-341
Hymenolepis diminuta infection in 5-year-old girl (feces), unresponsive to therapy with quinacrine but cured after 2 courses of niclosamide, clinical case report: California

Niclosamide
Coles, G. C.; and McNeillie, R. M., 1977, J. Helminthol., v. 51 (4), 323-326
dietary feeding of drugs for 5 days to mice infected with Nematospiroides dubius and Hymenolepis nana, detected all modern anthelmintics examined except stilbazium; simple test using N. spathiger eggs and Nippostrongylus brasiliensis adults to detect anthelmintics in vitro

Niclosamide (Yomesan)
Courtney, C. H.; Forrester, D. J.; and White, F. H., 1977, J. Am. Vet. Med. Ass., v. 171 (9), 991-992
helminths in Pelecanus occidentalis, anthelmintic activity of arecoline hydrobromide, thiabendazole, niclosamide, l-tetramisole: Bird Keys and Port Orange, Florida

Fenasal
Davydov, O. N., 1976, Gidrobiol. Zhurnal, v. 12 (6), 100-102
model system for in vitro observation of effect of anthelminthics and pesticides on helminths within an intestine; cestodes in carp intestine treated with fenasal as example

Mansonil
Deiana, S.; and Arru, E., 1972, Parassitologia, v. 14 (2-3), 269-273
cestodes of dogs, Mansonil in various dosages and formulations, partial efficacy

Niclosamide (Tredemine)
Diop, B.; and Bao, O., 1974, Medecine Afrique Noire, v. 21 (1), 31-40
human intestinal helminths, clinical indications for treatment, suggested dosage, efficacy, tolerances, possible toxicities

Niclosamide -- Continued.

Niclosamide
Dorchies, P.; and Amalric, M., 1977, Rev. Med. Vet., Toulouse, v. 128 (1), 7-24
gastrointestinal helminths, gastrophilosis, horses, anthelmintics, drug efficacy, review

Niclosamide
Douch, P. G. C.; and Gahagan, H. M., 1977, Xenobiotica, v. 7 (5), 301-307
Moniezia expansa, Ascaris lumbricoides var suum, reduction and/or hydrolysis of niclosamide and related compounds by intact helminths and by enzyme preparations from the helminths and from mouse and sheep liver homogenates, reduction of niclosamide inhibited by allopurinol, indicates that coadministration of niclosamide and allopurinol might improve efficacy of anthelmintic, hydrolysis of benzanilide and related compounds inhibited by anthelmintic organophosphates

Yomesan (Mansonil)
Fijan, N.; et al., 1976, Vet. Arhiv, Zagreb, v. 46 (9-10), 245-252
Bothriocephalus gowkongensis, carp, efficacy of yomesan, scolaban, depifen, and tobacco dust: SR Croatia

Yomesan + Piperazine + Phenothiazine (=Depifen)
Fijan, N.; et al., 1976, Vet. Arhiv, Zagreb, v. 46 (9-10), 245-252
Bothriocephalus gowkongensis, carp, efficacy of yomesan, scolaban, depifen, and tobacco dust: SR Croatia

Niclosamide (Yomesan; Mansonil)
Gemmell, M. A.; Johnstone, P. D.; and Oudemans, G., 1977, Research Vet. Sc., v. 22 (3), 389-391
Echinococcus granulosus, Taenia hydatigena, Taenia ovis, dogs (exper.), niclosamide and its piperazine salt, drug trials, good results against T. hydatigena and T. ovis, virtually inactive against immature E. granulosus, mild side effects, administration of milk with piperazine salt of niclosamide decreased drug efficiency against T. hydatigena at low dose rates

Niclosamide
Ghandour, A. M.; and Webbe, G., 1975, J. Helminth., v. 49 (4), 245-250
Schistosoma mansoni cercariae, sublethal concentrations of niclosamide increased mortality during penetration of mammalian host skin and consequently reduced adult worm recovery

Yomesan
Glisic, Lj.; Sretenovic, M.; and Simic, P., 1972, Acta Parasitol. Iugoslavica, v. 3 (1), 27-30
Taenia saginata, T. solium, results of treatment 1956-1970, new oral anthelmintics (especially yomesan) preferred to earlier methods, yomesan also efficient against Hymenolepis nana if continued for up to 10 days, humans

Niclosamide -- Continued.

Yomesan (Niclosamide)
Gogoi, A. R.; and Hazarika, R. N., 1977, Indian J. Animal Sc., v. 46 (12), 1976, 641-647
poultry cestodes, efficacy of 4 anthelmintics tested

Yomesan (Mansonil)
Isenbuegel, E., 1976, Prakt. Tierarzt , v. 57, Sondernummer, 21-27
Hymenolepis erinacei, hedgehogs

Vermitin
Jacobs, D.; and Schulze, H. W., 1977, Prakt. Tierarzt, v. 58 (1), 46-48
pig parasites, natural infections, vermitin and dichlorvos effective in field testing

Niclosamide (Yomesan; Tredemine)
Junod, C., 1972, Medecine et Malad. Infect., v. 2 (10), 339-344
combined use of niclosamide and fugitene in treating human Taenia saginata, especially successful in treating recurring infections and those resistant to niclosamide alone

Radeverm
Khalil, H. M., 1971, Tr. Roy. Soc. Trop. Med. and Hyg., v. 65 (5), 690-691 [Letter]
Heterophyes heterophyes in humans, clinical trials testing efficacy of radeverm, successful therapy if correct regimen followed: Cairo, U.A.R.

Yomesan (Lintex; Mansonil)
Krehmer, E., 1970, Vet. Med. Rev. (1), 27-33
Echinoparyphium paraulum in racing pigeons, Yomesan (tablets) administered in dose rates of 50 mg, 100 mg, 300 mg, 400 mg, 600 mg, and 1200 mg/kg bodyweight, no effect at 50 and 100 mg, 300 - 600 mg had varying effectiveness, 100% effectiveness with 1200 mg dose: Nuremberg, Germany

Niclosamide (Tredemine)
Lamy, C.; et al., 1976, Nouv. Presse Med., v. 5 (15), 1005-1006 [Letter]
intestinal distomiasis in man who had recently traveled to Japan and eaten raw fish and aquatic plants, clinical case report, relief of symptoms with niclosamide: Caen, France

Niclosamide (Yomesan)
Leland, S. E., jr.; et al., 1975, Am. J. Vet. Research, v. 36 (4), Part 1, 449-456
Cooperia punctata, in vitro-grown parasitic stages, evaluation of 28 anthelmintics using presumptive and confirmatory tests, comparison of in vitro potency with established in vivo activity against Cooperia and various other parasites, potential usefulness as preliminary screening method

Niclosamide (Yomesan)
Nicolet, G., 1969, Bol. Chileno Parasitol., v. 24 (3-4), 150-151
Dipylidium caninum in young child possibly resulting from ingestion of infected dog fleas (Ctenocephalides canis), niclosamide treatment successful, case report: Sewell, Chile

Niclosamide -- Continued.

Niclosamide
Ottolenghi, A.; and Rowland, J. T., 1975, J. Pharmacol. and Exper. Therap., v. 194 (2), 463-468
Hymenolepis nana, mice, phospholipase B activity of small intestine as laboratory test for presence of parasites and for evaluating effectiveness of treatment, confirmation of some features of niclosamide action (relative refractoriness of early parasitic forms, enhanced effect of multiple doses)

Niclosamide (Yomesan)
Roberson, E. L., 1976, Am. J. Vet. Research, v. 37 (12), 1483-1484
Taenia spp., Dipylidium caninum, dogs, uredofos compared with niclosamide and bunamidine hydrochloride

Yomesan
Saz, H. J.; and Lescure, O. L., 1968, Molec. Pharm., v. 4 (4), 407-410
Ascaris lumbricoides var. suis, inhibition by anticestodal agents of mitochondrial ^{32}P-ATP exchange reaction, indicates that selective toxicity of these compounds for cestodes is a result of differences in permeability between these two groups of helminths

Niclosamide
Singh, H.; et al., 1976, Indian J. Exper. Biol., v. 14 (3), 332-333
Hymenolepis nana, rats (exper.), 5-chloro-3'-nitro-4'-cyclohexylaminosalicylanilide, drug efficacy, good results, compared with niclosamide

Yomesan
Singh, H.; et al., 1977, J. Med. Chem., v. 20 (6), 826-829
Hymenolepis nana in rats (exper.), synthesis and testing of 5-chloro-3'-nitro-4'-substituted salicylanilides for possible cestodicidal activity, yomesan used as reference compound

Yomesan
Straka, S.; et al., 1977, Ceskoslov. Epidemiol., Mikrobiol., Imunol., v. 26 (1), 52-60
tapeworms, human, epidemiological analysis, geographical distribution, sex, age, social structure, occupation and clinical symptoms; transmission by raw meat, efficacy of anthelmintics: Slovak Socialist Republic

Niclosamide (Yomesan)
Suntharasamai, P.; et al., 1974, Southeast Asian J. Trop. Med. and Pub. Health, v. 5 (4), 556-559
Fasciolopsis buski, humans, comparative clinical trials using niclosamide and tetrachlorethylene; tetrachlorethylene results superior but severity of possible toxic side effects makes niclosamide the drug of choice for severely ill persons and small children

Niclosamide -- Continued.

Niclosamide (Devermin)
Takats, C., 1972, Parasitol. Hungar., v. 5, 203-216
human helminths, 171 compounds tested on laboratory animals for possible anthelmintic action, techniques of screening procedures described

Niclosamide (Yomesan)
Warren, K. S.; and Mahmoud, A. A. F., 1976, J. Infect. Dis., v. 134 (1), 108-112
tapeworms, human, algorithms in diagnosis and management

Nicotine
Bigg, D. C. H.; and Purvis, S. R., 1976, Nature, London (5565), v. 262, 220-222
8 muscarinic agonists (compared with nicotine and pyrimithate), activity against Boophilus microplus, possible new class of acaricide

Nifosept -- N-(5-Dinitro-2-furfurylidene)-aminohydantoin.

Nifosept
Tomecki, R., 1974, Mater. Med. Pol. (21), v. 6 (4), 301-303
giardiasis, successful use of nifosept in human intestinal infection refractory to treatment with other drugs

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Nifuratel -- Macmiror; Magmilor; [5-[(Methylthio)methyl]-3-(5-nitrofurfurylidene)amino]-2-oxyzolidinone; Nitrofuratel; Polmiror.

Nifuratel (Polmiror)
Aure, J. C.; and Tveter, L., 1969, Tidsskr. Norske Laegefor., v. 89 (23), 1792-1794
human trichomoniasis colpitis, clinical trials using atricana not as successful as trials with metronidazole and nifuratel

Macmiror (Nifuratel)
Baron, A., 1970, Minerva Ginec., v. 22 (4), 269-271
human vaginal trichomoniasis, good results with macmiror: Poland

Nifuratel (Macmiror)
Di Paola, M.; Di Tocco, M.; and Suppa, F., 1970, Minerva Ginec., v. 22 (17), 853-856
Trichomonas vaginalis, nifuratel treatment of women with vaginitis, also treatment of their sexual partners, satisfactory results: Roma

Nifuratel
Meingassner, J. G.; Georgopoulos, A.; and Patoschka, M., 1975, Tropenmed. und Parasitol., v. 26 (4), 395-398
Trichomonas vaginalis, mixed Candida albicans intravaginal infection in rats (exper.) established more reliable infection conditions for testing performance of chemotherapeutic drugs than T. vaginalis in axenic culture, metronidazole, tinidazole, nifuratel tested

Nifuratel -- Continued.

Nifuratel (Macmiror)
Neme, B.; Koba, M.; and Segal, J., 1972, Maternidade e Infancia, v. 31 (4), 261-268
Trichomonas vaginalis, human vaginal infections with leucorrhea, successful clinical trials with nifuratel: Brasil

Nitrofuratel (Magmilor)
Pathak, U. N.; Sur, S. K.; and Farrand, R. J., 1975, Brit. J. Clin. Pract., v. 29 (10), 270-272
human vaginitis, clinical trials using metronidazole tablets with nystatin pesseries, comparison with nitrofuratel tablets and pesseries

Nifuratel
Scarpellini, L., 1973, Pediatria, Napoli, v. 81 (4), 593-602
Trichomonas vaginalis vulvo-vaginitis in young girls, oral and topical therapy with nifuratel well tolerated

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Nifursol -- 3,5-Dinitrosalicylic acid, 5-nitrofurfurylidene hydrazide; Salfuride; Salsbury compound RT-6912.

Salfuride
Al-Khateeb, G. H.; and Hansen, M. F., 1973, Avian Dis., v. 17 (2), 269-273
Histomonas meleagridis, turkeys (exper.), plasma glutamic oxalacetic transaminase level, correlation with number of liver lesions, salfuride treatment reduced number of liver lesions and lowered plasma GOT levels, useful as indicator of course of disease and for screening potential histomonastats

3,5-Dinitrosalicylic acid, 5-nitrofurfurylidene hydrazide (Salsbury compound RT-6912)
Saz, H. J.; and Lescure, O. L., 1968, Molec. Pharm., v. 4 (4), 407-410
Ascaris lumbricoides var. suis, inhibition by anticestodal agents of mitochondrial ^{32}P-ATP exchange reaction, indicates that selective toxicity of these compounds for cestodes is a result of differences in permeability between these two groups of helminths

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Nifurtimox -- Bay 2502; Bayer 2502; Lampit; 3-Methyl-4-(5'-nitrofurfurylideneamino)tetrahydro-4H-1,4-thiazine-1,1-dioxide; 2-Methyl-4-(5-nitro-2-furylidene)amino-1,4-thiazan-1,1-dioxide; 4-[(5-Nitrofurfurylidene)amino]-3-methylthiomorpholine-1,1-dioxide; Nitrofurtimox; WR 205,632.

Lampit (Bayer 2502)
Apt, W.; et al., 1972, Bol. Chileno Parasitol., v. 27 (3-4), 80-87
Trypanosoma cruzi, mice (exper.), Lampit, effect of drug analyzed by parasitemia, survival rate and histological alterations of the animals

Nifurtimox -- Continued.

Nifurtimox (Lampit; Bay 2502)
Cardoni, R. L.; Rimoldi, M. T.; and de Bracco, M. M. E., 1977, Exper. Parasitol., v. 43 (2), 370-375
Trypanosoma cruzi, mice, nifurtimox, protective effect not exerted solely by direct trypanocidal action

Lampit (Bayer 2502)
Dvorak, J. A.; and Howe, C. L., 1977, Am. J. Trop. Med. and Hyg., v. 26 (1), 58-63
Trypanosoma cruzi, effects of lampit on parasite penetration of vertebrate cells and intracellular parasite reproduction time, lampit resistant T. cruzi strain easily produced in vitro

Lampit
Gaborak, M.; Cover, B.; and Gutteridge, W. E., 1976, Parasitology, v. 73 (2), iii [Abstract]
Trypanosoma cruzi, Ro 7-1051 in vitro and in mice, activity inferior to SQ 18,506, nearly as good as Lampit, and markedly superior to metronidazole

Lampit
Gaborak, M.; Darling, J. L.; and Gutteridge, W. E., 1977, Nature, London (5618), v. 268, 339-340
Trypanosoma cruzi, T. dionisii, drug sensitivities of culture forms almost identical, T. dionisii could replace T. cruzi in in vitro drug screens

Nifurtimox (WR 205,632)
Kinnamon, K. E.; et al., 1977, J. Med. Chem., v. 20 (6), 741-744
Trypanosoma cruzi in mouse model, evaluation of potential antitrypanosomal compounds for suppressive activity equal to or greater than nifurtimox used as reference compound

Nifurtimox (Lampit)
Laemmler, G.; and Wolf, E., 1977, Tropenmed. u. Parasitol., v. 28 (2), 205-225
Litomosoides carinii in Mastomys natalensis (exper.), 17 anthelmintics and chemotherapeutics comparatively tested for their chemoprophylactic activity against various larval stages of the parasites

Nifurtimox
Lelchuk, R.; Cardoni, R. L.; and Fuks, A. S., 1977, Clin. and Exper. Immunol., v. 30 (3), 434-438
Trypanosoma cruzi, human, nifurtimox-induced alterations in cell-mediated immunity, detected particularly using peripheral leucocyte migration inhibition

Nifurtimox
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

Nifurtimox -- Continued.

Bayer 2502 (Bay 2502; Lampit; Nifurtimox)
Morrow, D. T.; Wescott, R. B.; and Davis, W. C., 1977, Am. J. Trop. Med. and Hyg., v. 26 (3), 382-386
Trypanosoma cruzi in mice (exper.), long-term treatment with Bayer 2502 did not destroy host's ability to withstand challenge infections and indicated that host "cured" of acute infection may be resistant to reinfection

Nifurtimox
Neville, M. C.; and Verge, J. P., 1977, J. Med. Chem., v. 20 (7), 946-949
Trypanosoma cruzi in mice (exper.), laboratory testing of 2-substituted 4-thiazolecarboxaldehyde hydrazones for trypanocidal activity, most active compound compared favorably with action of nifurtimox

Nifurtimox
Rane, L.; Rane, D. S.; and Kinnamon, K. E., 1976, Am. J. Trop. Med. and Hyg., v. 25 (3), 395-400
Trypanosoma rhodesiense, test system to evaluate large numbers of candidate drugs based on mortality of mice with blood-induced infections, serves as primary screen or as secondary and confirmatory test for active compounds

Bay 2502
Restrepo, M.; and Velasquez, J. P., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (4), 616 [Letter]
cutaneous and mucocutaneous leishmaniasis, human, successful treatment with Bay 2502

Lampit (Bay 2502; Bayer 2502)
Schenone, H.; et al., 1972, Bol. Chileno Parasitol., v. 27 (1-2), 11-14
experimental trials using lampit to treat human chronic Chagas disease, successful cures except for a few continued positive xenodiagnostic results suggesting an existing resistant strain of Trypanosoma cruzi: Chile

3-Methyl-4-(5'-nitrofurfurylidene-amino) tetrahydro-4H-1,4-thiazine-1,1-dioxide (Nifurtimox)
Schlemper, B. R., jr.; Chiari, E.; and Brener, Z., 1977, J. Protozool., v. 24 (4), 544-547
Trypanosoma cruzi, 48-hr drug screening test based on inhibition of exponential growth of culture forms as evaluated by cell counter, comparison with data from treating inoculated mice, advantages of in vitro method; culture forms not suitable for screening additives to prevent T. cruzi transmission by banked blood

Nifurtimox (Lampit)
Zavala-Velazquez, J.; Rodriquez-Lopez, M. H.; and Baqueiro-Diaz, A., 1975, Patologia, v. 13 (3), 355-363
Trypanosoma cruzi in humans, 4 cases reported from Yucatan area, clinical case reports, problems in treatment with nifurtimox, infected triatome vectors discovered in area: Mexico

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Nilodin. See Lucanthone.

Nilverm. See Tetramisole.

Nilzan. See Oxyclozanide or Tetramisole.

Nimidane -- AC 84633; 2-(4-Chloro-o-tolyl)imino-1,3-dithietane.

Nimidane
Roulston, W. J.; et al., 1977, Austral.J. Agric. Research, v. 28 (2), 345-354
Boophilus microplus, characterization of three strains of organophosphorus-resistant cattle ticks, resistance to organophosphorus and carbamate acaricides: Bajool, Tully and Ingham, northern Queensland

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Nimorazole. See Nitrimidazine.

Niphen. See 3,4,7,8-Tetramethyl-1,10-phenanthroline nickel chelate.

Niridazole -- Ambilhar; 32,644 Ba; Ciba 32,644-Ba; Nitrothiazol; 1-(5-Nitro-2-thiazolyl) imidazolidine; 1-(5-Nitro-2-thiazolyl)-2-imidazolidinone; (Nitro-5-thiazolyl-2)-1-imidazolidinone-2.

Ambilhar (Ciba 32'644-Ba)
Ahluwalia, S. S., 1974, Indian J. Animal Sc., v. 43 (5), 1973, 428-434
Schistosoma incognitum, pigs (exper.), drug efficacy, Ambilhar (good results), leucanthone hydrochloride (no effect)

Niridazole
Aldrich, H. S.; and Clagett, D. C., 1976, J. Pharm. Sc., v. 65 (11), 1704-1705
schistosomiasis, human, structure-activity relationships of niridazole and inactive derivative compared, indications for increased efficiency

Niridazole (Ambilhar)
Badran, I.; et al., 1973, Med. J. Cairo Univ., v. 41 (4), 245-268
extensive clinical review of human schistosomal proctocolonic polyposis, medical treatment with ambilhar and iron therapy for severe anemia, indications for surgery in more severe cases: Egypt

Niridazole (Ambilhar)
Bassily, S.; et al., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (2), 312 [Letter]
conjunctivitis and pellagra-like rash associated with niridazole (Ambilhar) treatment

Niridazole
Bassily, S.; et al., 1976, J. Trop. Med. and Hyg., v. 79 (11), 256-258
Schistosoma mansoni in humans, Salmonella and schistosomal associated nephrotic syndrome, pathologic changes, immunoglobulin levels and serum complement pre- and post-treatment with niridazole and ampicillin

Niridazole -- Continued.

Niridazole (Ambilhar)
Bassily, S.; et al., 1976, Tr. Roy. Soc. Trop. Med. and Hyg., v. 70 (1), 88-89 [Letter]
Schistosoma mansoni in humans resulting in diffuse schistosomal polyposis, frequent toxic nervous system reactions during treatment with niridazole compared with persons with schistosomal infections without polyposis

Ambilhar (32'644 Ba)
Benmansour, N., 1970, Maroc Med. (537), v. 50, 453-457
human schistosomal urinary tract infections, mass therapy trials with ambilhar: Maroc

Ambilhar (Niridazole)
Bhatia, B. B.; and Rai, D. N., 1976, Indian J. Animal Research, v. 10 (1), 43-44
Schistosoma nasale, cattle, anthiomaline (fair results), tartar emetic and antimosan (good results), ambilhar (no effect), clinical trial

Ambilhar (Niridazole)
Blas, B. L., 1976, Southeast Asian J. Trop. Med. and Pub. Health, v. 7 (2), 348-350
Schistosoma japonicum, humans, field trials with ambilhar as therapy and as egg suppressant for mass therapy, mixed results with some severe toxicity, further trials recommended: Leyte, Philippines

Niridazole (Ciba 32,644 Ba)
Bout, D.; et al., 1977, J. Immunol. Methods, v. 15 (1), 1-8
S[chistosoma] mansoni, schistosomicide drugs used as ligands to isolate target antigens by affinity chromatography, to characterize their enzyme functions and localization on the parasite, and to define their immunogenic capacity

Niridazole (Ambilhar)
Bulay, O.; et al., 1977, J. National Cancer Inst., v. 59 (6), 1625-1630
Schistosoma mansoni, mice and hamsters (exper.), niridazole, carcinogenicity in infected and noninfected animals, results indicated that schistosome infection had no apparent influence on tumor incidence

Ambilhar
Carvalho, R. R. D.; et al., 1972, Neurobiol., v. 35 (2), 129-138
Schistosoma mansoni in 14-year old boy affecting spinal cord and nervous system, diagnosis after biopsy of lesion, clinical improvement with ambilhar: Brazil

Niridazole
Cohen, J.; et al., 1977, Brit. Med. J. (6071), v. 1, 1258
Schistosoma mansoni in man, severe schistosomal myelopathy with paraplegia, sensory deficit and bladder dysfunction, poor response to niridazole and prednisolone, evidence that spinal cord injury of immunologic nature mediated by response to worm and/or ova antigen: London (resident of Sudan)

Niridazole -- Continued.

Niridazole
Coles, G. C., 1975, J. Helminth., v. 49 (3), 205-209
Schistosoma mansoni schistosomula, 3-week-old, and adult worms, activity of 6 clinical and 6 experimental schistosomicides in vitro, concluded that meaningful screening for potential schistosomicides cannot at present be carried out in vitro

Nitrothiazol (Ambilhar)
Diop, B.; and Bao, O., 1974, Medecine Afrique Noire, v. 21 (1), 31-40
human intestinal helminths, clinical indications for treatment, suggested dosage, efficacy, tolerances, possible toxicities

Niridazole (Ambilhar)
Duke, B. O. L.; and Moore, P. J., 1976, Tropenmed. u. Parasitol., v. 27 (3), 297-313
Schistosoma haematobium, use of molluscicide (N-tritylmorpholine) to control Bulinus rohlfsi and B. camerunensis vector snails in conjunction with niridazole therapy to control infection in man, campaign strategy, effects of molluscicide on snail control and control of transmission of parasite from snail to man: Barombi Lake foci, Cameroon

Niridazole (Ambilhar)
Duke, B. O. L.; and Moore, P. J., 1976, Tropenmed. u. Parasitol., v. 27 (4), 489-504
Schistosoma haematobium, use of human mass therapy with niridazole in conjunction with molluscicide snail control, statistics of extensive program of attempted disease control measures used at the Barombi Lake foci in Cameroon

Niridazole (Ambilhar)
Duke, B. O. L.; and Moore, P. J., 1976, Tropenmed. u. Parasitol., v. 27 (4), 505-508
Schistosoma haematobium, evaluation and conclusions of schistosomiasis control program using combined human mass therapy with niridazole and snail control measures, economic importance of parasitism with and without control measures: Barombi Lake foci in Cameroon

Ambilhar (Niridazole; 32644-Ba)
El-Gindy, M. S.; Mousa, A. H.; and Roushdy, M. Z., 1974, Egypt. J. Bilharz., v, 1 (2), 261-277
S[chistosoma] haematobium, humans, treatment trials with ambilhar using two regimens, comparison of effects of therapy on number, viability, and hatchability of ova and on infectivity of hatched miracidia to vector Bulinus snails (exper.)

Niridazole
El-Rasiky, E. H.; et al., 1974, Egypt. J. Bilharz., v. 1 (2), 287-295
schistosomiasis, investigation of changes in serum immunoglobulins of infected persons before and after therapy with niridazole

Niridazole -- Continued.

Niridazole
El-Zayadi, A. M.; et al., 1974, Tropenmed. u. Parasitol., v. 25 (2), 147-152
Schistosoma haematobium, human, renal function tests before and after antibilharzial treatment: Egypt

Ambilhar (Niridazole)
Etribi, A.; et al., 1976, J. Reprod. and Fertility, v. 48 (2), 439-440
antibilharzial drug, Ambilhar, effect on spermatogenesis in guinea-pigs

Ambilhar
Fossati, C., 1974, Rev. Iber. Parasitol., v. 34 (3-4), 323-330
Entamoeba histolytica, case history of human pulmonary ameboma, radiological aspects, successful treatment with Ambilhar; review on localization and diffusion of E. histolytica

Niridazole
Foster, R.; and Cheetham, B. L., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (5), 674-684
Schistosoma spp., oxamniquine, activity in rodents and in vitro, comparison with some other schistosomicides, toxicity studies

Ambilhar (Niridazole)
Gold, D.; and Lengy, J., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 265-266
Schistosoma mansoni, mice, failure to immunize by therapeutic eradication (Ambilhar) of adult worm burden, corollary finding that 60-day primary infection did not confer any significant protection against challenge

Niridazole
Hardjawidjaja, L.; et al., 1976, Southeast Asian J. Trop. Med. and Pub. Health, v. 7 (2), 314-318
Schistosoma japonicum, humans, treatment trials using niridazole and stibophen to obtain possible guidelines for mass therapy and future control in Indonesia

Niridazole
Ishizaki, T., 1976, Southeast Asian J. Trop. Med. and Pub. Health, v. 7 (2), 301-305
Schistosoma japonicum, humans, total IgE levels and specific IgE levels, correlation with skin test reaction, effect of niridazole treatment

Niridazole (Ambilhar)
Jakobiec, F. A.; Gess, L.; and Zimmerman, L. E., 1977, Arch. Ophth., Chicago, v. 95 (2), 278-280
Schistosoma haematobium causing granulomatous dacryoadenitis in youth, localization at site of earlier trauma, possible immunologic implications, niridazole therapy: Sierra Leone

Niridazole
Jewsbury, J. M., 1973, Ann. Trop. Med. and Parasitol., v. 67 (4), 431-438
Schistosoma mansoni, mice, hamsters, chemoprophylactic activities of lucanthone, hycanthone, niridazole, and oxamniquine compared

Niridazole -- Continued.

Niridazole
Jones, J., 1977, J. Am. Med. Ass., v. 238 (12), 1275-1276
Schistosoma haematobium in Nigerian graduate student, urinary schistosomiasis previously treated as urinary tract infection because of lack of diagnostic awareness of exotic diseases in non-endemic areas, clinical history, successful treatment with niridazole: Lexington, Kentucky

Ambilhar
Junod, C., 1972, Medecine et Malad. Infect., v. 2 (2), 55-60
Schistosoma mansoni, predominant intestinal parasite of natives of Antilles now residing in France, statistics of infection, means of detection, approved treatment with ambilhar and etrenol

Niridazole (Ambilhar)
Kale, O. O., 1974, Ann. Trop. Med. and Parasitol., v. 68 (1), 91-95
dracontiasis, efficacy of niridazole and metronidazole, controlled field trial: southeast of Ibadan, Western State, Nigeria

Niridazol (Ambilhar)
Laemmler, G.; and Gruener, D., 1976, Berl. u. Munchen. Tierarztl. Wchnschr., v. 89 (11), 222-225; (12), 229-233
Capillaria hepatica in Mastomys natalensis, comparative activity of 24 anthelmintics, possible model screening system

Niridazole (Ambilhar)
Lapierre, J.; et al., 1976, Nouv. Presse Med., v. 5 (3), 147-148 [Letter]
Schistosoma mansoni, woman with glucosephosphate dehydrogenase deficiency developed severe hemolytic anemia when treated with niridazole: France (native of Martinique)

Niridazole
Lechtenberg, R.; and Vaida, G. A., 1977, Neurology, v. 27 (1), 55-59
human schistosomiasis with spinal cord involvement, case reports, pathology, recommendations for surgical laminectomy for decompression and diagnosis along with prompt treatment with niridazole and cortisone: New York (previous inhabitants of Puerto Rico or Dominican Republic)

Niridazole (Ambilhar)
Lucas, S. V.; et al., 1977, J. Immunol., v. 118 (2), 418-422
niridazole-treated rats and a human patient, identification and purification of immunosuppressive activity in urine, purified fractions inhibited MIF production in vitro and suppressed cell-mediated granuloma formation around Schistosoma mansoni eggs in vivo (mice)

Niridazole -- Continued.

Niridazole (Ambilhar)
MacDonald, D. M.; and Morrison, J. G. L., 1976, Brit. Med. J. (6036), v. 2, 619-620
cutaneous human schistosomiasis due to ectopic ova manifesting as pruritic papular lesions, case reports, clinical management, treated with niridazole, probable migration route to skin suggested

Niridazole
Mahmoud, A. A. F.; et al., 1975, J. Immunol., v. 114 (1, Pt. 2), 279-283
Schistosoma mansoni, mice, niridazole at low doses suppressed granuloma formation around eggs and inhibited delayed footpad swelling in mice previously sensitized with eggs

Niridazole
Mahmoud, A. A. F.; and Warren, K. S., 1974, J. Immunol., v. 112 (1), 222-228
Schistosoma mansoni, mice, anti-inflammatory effects of tartar emetic and niridazole, suppression of schistosome egg granuloma

Niridazole
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

Ambilhar
Mikhail, M. M.; and Mansour, M. M., 1976, Clin. Chim. Acta, v. 71 (2), 207-214
Schistosoma mansoni and/or S. haematobium, patients with simple schistosomiasis vs. those with schistosomal polyposis all of whom showed signs of malnutrition, serum carnitine levels (and other haematological values) and liver function tests before and after nutritional repletion and ambilhar treatment, usefulness of serum carnitine as index of protein malnutrition

Niridazole (Ambilhar)
Mousa, W.; Waslien, C. I.; and Mansour, M. M., 1976, Am. J. Trop. Med. and Hyg., v. 25 (5), 709-713
human schistosomiasis, levels of serum glycoprotein, protein-bound hexose and seromucoid before and after niridazole, relationship to renal, intestinal and hepatic damage caused by infections

Niridazole
Muller, R., 1976, Pathophysiol. Parasit. Infect., 133-147
Dracunculus medinensis in rhesus monkeys, pathological processes associated with emergence of female worms, chemotherapy (some drugs had no effect on pre-emergent worms but markedly reduced host tissue reaction thus allowing easier extraction)

Niridazole -- Continued.

Ambilhar (Niridazole)
Muraleedharan, K.; et al., 1977, Indian Vet. J., v. 54 (9), 703-708
Schistosoma nasale, cattle, comparative efficacy of neguvon, ambilhar and sodium antimony tartarate

Niridazole (Ambilhar)
Oyediran, A.B.O.O.; et al., 1974, Egypt. J. Bilharz., v. 1 (2), 215-225
S[chistosoma] haematobium, children, renal function studies in infected children before and after therapy with niridazole, comparison with normal controls, usefulness for clinical follow-up and treatment assessment: Nigeria

Niridazole (Ambilhar)
Pene, P.; Bouvry, M.; and Pignol, F., 1970, Medecine Afrique Noire, v. 17 (3), 213-217
comparison of dehydroemetine, niridazole and metronidazole in treatment of human amoebiasis

Niridazole (Ambilhar)
Radermecker, M.; et al., 1974, Internat. Arch. Allergy and Applied Immunol., v. 47 (2), 285-295
various human helminthic or protozoal infections, serum IgE concentration, IgE level often raised in parasitosis with prominent tissue phases and remains normal with helminths restricted to lumen of digestive tract, IgE level tends to increase significantly and rapidly following specific treatment and then to decrease slowly and return to normal in a few months

Niridazole
Rane, L.; Rane, D. S.; and Kinnamon, K. E., 1976, Am. J. Trop. Med. and Hyg., v. 25 (3), 395-400
Trypanosoma rhodesiense, test system to evaluate large numbers of candidate drugs based on mortality of mice with blood-induced infections, serves as primary screen or as secondary and confirmatory test for active compounds

Niridazole
Roux, J.; et al., 1975, Medecine Trop., v. 35 (5), 377-387
Schistosoma haematobium, human mass treatment using niridazole over 3-day period, reduced egg output, enhanced development of immunity

Niridazole (Ambilhar)
Saeed, A. A.; and Magzoub, M., 1974, Ann. Trop. Med. and Parasitol., v. 68 (4), 405-413
Schistosoma mansoni, outbreak of infection in expatriate European community, source of infection traced to swimming in highland pools, disease diagnosed during early acute stage, treatment with stibocaptate unsuccessful, results of 2nd course of treatment with niridazole yet to be reported: Jebel Marra area, Darfur Province, Western Sudan

Niridazole -- Continued.

Niridazole
Salah, L. A.; et al., 1976, J. Trop. Med. and Hyg., v. 79 (12), 270-274
Schistosoma mansoni, activity of serum enzymes of hepatic origin in men with active hepatic schistosomiasis and effect of niridazole therapy on enzyme activity

Niridazole
Saleh, S.; et al., 1976, Pharmacol. Research Commun., v. 8 (4), 359-368
Schistosoma mansoni in mice (exper.), comparative effects of antimonial and non-antimonial schistosomicides on host carbohydrate metabolism; antimonials did not affect metabolism while non-antimonial (niridazole) showed similar effects in host and parasite

Niridazole
Tanaka, H., 1976, Southeast Asian J. Trop. Med. and Pub. Health, v. 7 (2), 176-179
human schistosomiasis, comparative evaluation of complement fixation and circumoval precipitin reactions for diagnosis and assessment of cure after therapy

Niridazole
Taylor, M. G., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (2), 245-249
Schistosoma intercalatum much less susceptible to niridazole than S. mansoni, mice

Niridazole (Ambilhar)
Verhulst, A.; and Cornet, R., 1975, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 28 (3), 301-304
Balantidum coli, pigs, niridazole (Ambilhar) tested in various dosages, effective treatment, no secondary effects in pigs: Republique du Zaire

Niridazole
Webster, L. T., jr.; et al., 1975, N. England J. Med., v. 292 (22), 1144-1147
Schistosoma haematobium, S. mansoni, niridazole as suppressant of delayed hypersensitivity in schistosome-infected persons, no effect on immediate skin test responses; potential as immunosuppressive agent for other medical conditions

Niridazole
Weintraub, M.; et al., 1977, Clin. Pharm. and Therap., v. 22 (5, pt. 1), 568-572
clinical implications of uricosuric effects of niridazole therapy and suggestions for prevention

Niridazole
Werbel, L.; et al., 1977, J. Med. Chem., v. 20 (12), 1569-1572
Schistosoma mansoni, clinical trials in mice and rhesus monkeys testing efficacy of 5-(2,4,5-trichlorophenyl)hydantoin and related compounds against that of lucanthone and niridazole

Niridazole -- Continued.

Niridazole
Wright, S. G.; Renton, P.; and Swarbrick, E. T., 1976, Postgrad. Med. J., London (611), v. 52, 602-604
Schistosoma mansoni, human, stricture of descending colon resulting from schistosomal infection, regression of stenosis after niridazole therapy, clinical case report: London (native of St. Lucia, West Indies)

Nirmalaria
Roy, R. G.; et al., 1976, Indian J. Med. Research, v. 64 (10), 1451-1455
Plasmodium vivax, P. falciparum, humans, nirmalaria (indigenous compound of 4 herbal ingredients) unsuccessful in trials as inhalation therapy: India

Nitrimidazine -- 1-(N-β-Ethyl-morpholine) 5-nitroimidazole; 1-(N-β-Ethylmorpholino)-5-nitroimidazole; K 1900; 1-(N-2-Morpholinoethyl)-5-nitroimidazole; Naxogin; Nimorazole.

Nimorazol (Nitrimidazine)
Biagi, F., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (1), 143 [Letter]
Balantidium coli, children with dysentery, successful nimorazol treatment

Nitrimidazine
Biagi, F.; Alvarez, R.; and Gonzalez, C., 1972, Prensa Med. Mexicana, v. 73 (7-8), 312-314
Giardia lamblia, children, successful therapy with nitrimidazine

Nitrimidazine (Naxogin)
Botero R., D., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (1), 145 [Letter]
Balantidium coli, children, successful treatment with nitrimidazine: Colombia

Nitrimidazine
de Carvalho, O. A.; et al., 1972, Pediat. Prat., S. Paulo, v. 43 (4), 135-138
Giardia lamblia in children, poor results in comparison studies of furazolidone, metronidazole and nitrimidazine in treatment

Nimorazole (Nitrimidazine)
Cavaglieri, D.; Falsetti, L.; and Caputo, G., 1974, Minerva Ginec., v. 26 (5), 303-305
human vaginal trichomoniasis, drug trials comparing nimorazole and metronidazole in varying doses

Nitrimidazine
Celaya Barrera, R., 1976, Medicina, Mexico (1214), an. 57, v. 56, 336-338
human vaginal trichomoniasis, clinical trials comparing efficacy of tinidazole and nitrimidazine: Mexico

Nitrimidazine -- Continued.

Nimorazole (Naxogin)
Chandramani, S., 1975, Brit. J. Clin. Pract., v. 29 (5), 114
Trichomonas vaginalis, human vaginal infection, clinical trials with nimorazole: England

Nimorazole
Counio, 1975, Marseille Med., v. 112 (4), 233-237
human vaginitis, good treatment results in combined use of hormones and trichomonicides: France

Nimorazole
Lee, J. C., 1972, Nettai Igaku (Trop. Med.), v. 14 (2), 97-110
Trichomonas vaginalis, in vitro growth inhibiting effects of 8 antitrichomonal drugs; therapeutic effects of trichomycin, piperanitrozole, metronidazole and nimorazole against abscess formation in mice (exper.)

Nimorazole
Levi, G. C.; de Avila, C. A.; and Amato Neto, V., 1977, Am. J. Trop. Med. and Hyg., v. 26 (3), 564-565
human giardiasis, comparative clinical trials using furazolidone, nimorazole, metronidazole, and tinidazole in standard doses: Sao Paulo, Brazil

Nimorazole
Mahony, J. D. H.; Harris, J. R. W.; and Farrer, C. J., 1975, Brit. J. Clin. Pract., v. 29 (3), 71-72
human vaginal trichomoniasis, comparative clinical trials using nimorazole and metronidazole: England

Nimorazole
Meingassner, J. G., 1977, Experientia, v. 33 (9), 1160-1161
Trichomonas vaginalis, mice infected s.c. vs. intravaginally, comparative studies on trichomonacidal activity of metronidazole, tinidazole, nimorazole, and ornidazole, marked decrease of activity when analyzed in s.c. infected mice

Nitrimidazine
Meingassner, J. G.; and Mieth, H., 1976, Experientia, v. 32 (2), 183-184
Tritrichomonas foetus, induction of metronidazole resistance, marked cross-resistance to other 5-nitroimidazole-derivatives in vitro and in vivo

Nitrimidazine
Meingassner, J. G.; and Mieth, H., 1977, Arzneimittel-Forsch., v. 27 (3), 638-639
Trichomonas vaginalis, rats, metronidazole, tinidazole, nitrimidazine and ornidazole showed systemic trichomonacidal activity within rather narrow dosage range after three oral doses and after a single dose

Nitrimidazine -- Continued.

Nimorazole (Naxogin)
Orozco Garcia, O.; Perez Nava, J.; and Gonzalez Diaz, R., 1975, Prensa Med. Mexicana, v. 40 (11-12), 378-382
Entamoeba histolytica, clinical trials of nimorazole therapy for human hepatic abscess, good results: Mexico

Nitrimidazine (K 1900)
Ricci, M., 1970, Minerva Ginec., v. 22 (20), 987-992
human vaginal Trichomonas vaginalis, successful treatment with nitrimidazine

Nimorazole (Naxogin)
Schenone, H.; et al., 1976, Bol. Chileno Parasitol., v. 31 (1-2), 12-15
Giardia lamblia, mass infection of children from a nursery school treated successfully with nimorazole: Chile

Nimorazole (Naxogin)
Voogd, C. E.; van der Stel, J. J.; and Jacobs, J. J. J. A. A., 1974, Mutation Research, v. 26 (6), 483-490
possible mutagenic action of metronidazole and nimorazole used to treat human trichomoniasis and dimetridazole and ronidazole used prophylactically against Histomonas meleagridis in poultry

Nimorazole (Nitrimidazine; Naxogin)
Wonchee Hernandez, G., 1972, Prensa Med. Mexicana, v. 37 (9-10), 384
Entamoeba histolytica, cutaneous infection in young man successfully treated with nimorazole, case report: Mexico

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Nitrobenzene -- Nitrobenzol.

Nitrobenzol + Methyl salicylate
Guevara-Benitez, D.; and Ubeda-Ontiveros, J. M., 1974, Rev. Iber. Parasitol., v. 34 (1-2), 83-102
Sternostoma tracheacolum, morphology, variability, life cycle, treatment with methyl salicylate + nitrobenzol unsuccessful: Granada

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Nitro-2 benzofurans
Cavier, R.; et al., 1976, Ann. Pharm. Franc., v. 34 (5-6), 211-214
Trichomonas vaginalis, nitro-2 benzofurans, in vitro trichomonacidal activity better than in vivo in vaginal suppositories, latter activity better in carbowax than in cocoa butter

Nitrobenzol. See Nitrobenzene.

Nitrofural. See Nitrofurazone.

5-Nitro-2-furaldehyde-semicarbazone. See Nitrofurazone.

Nitrofurantoin -- Furadantin; 1-(5-Nitrofurfurylideneamino)-hydantoin.

Nitrofurantoin (Furadantin)
Laemmler, G.; and Gruener, D., 1976, Berl. u. Munchen. Tierarztl. Wchnschr., v. 89 (11), 222-225; (12), 229-233
Capillaria hepatica in Mastomys natalensis, comparative activity of 24 anthelmintics, possible model screening system

Nitrofurantoin (Furadantin)
Laemmler, G.; and Wolf, E., 1977, Tropenmed. u. Parasitol., v. 28 (2), 205-225
Litomosoides carinii in Mastomys natalensis (exper.), 17 anthelmintics and chemotherapeutics comparatively tested for their chemoprophylactic activity against various larval stages of the parasites

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Nitrofuratel. See Nifuratel.

Nitrofurazone -- Bifuran (with Furazolidone); Furacillin; Furacin; Furacoccid; Furatsilin; Nitrofural; 5-Nitro-2-furaldehyde-semicarbazone; 5-Nitro-2-furfurylidene-7-carbazone; Polymix (with Acetarsone and Sulfamethazine and Sulfaquinoxaline).

Nitrofurazone
Beveridge, E., 1977, Tr. Roy. Soc. Trop. Med. and Hyg., v. 71 (5), 384-385 [Demonstration]
Trypanosoma cruzi, mice treated with nitrofurazone or moxipraquine, variations in Trypanosoma strains in response to drugs

Bifuran
Chhabra, M. B.; and Ruprah, N. S., 1976, Indian Vet. J., v. 53 (4), 260-262
Eimeria tenella, Eimeria necatrix, single and mixed infections, chickens, comparative efficacy of 4 coccidiostats (Bifuran, Cycostat, Deccox, Embazin)

Nitrofural (Furacoccid)
Kocyłowski, B.; et al., 1976, Bull. Vet. Inst. Pulawy, v. 20 (1-2), 12-17
Eimeria carpelli, carp (intestine), incidence correlated with host age and state of culture and hygiene of ponds, amprolium chloride, good results, higher efficacy than nitrofural: Poland

Nitrofurazone
Lowenthal, M. N.; et al., 1977, Tr. Roy. Soc. Trop. Med. and Hyg., v. 71 (1), 88 [Letter]
Rhodesian sleeping sickness, nitrofurazone as primary therapy, good results without severe toxic reactions, warrants further careful trials as initial therapy for trypanosomal meningo-encephalitis

Nitrofurazone
McLoughlin, D. K.; and Chute, M. B., 1973, Avian Dis., v. 17 (4), 717-721
Eimeria tenella, chickens (exper.), nequinate, good results against a sensitive strain and strains resistant to non-quinoline coccidiostats, development of nequinate-resistant strain, cross-resistance study

Nitrofurazone -- Continued.

Polymix
Manuel, M. F.; Parawan, O. O.; and Alonso, N. V. II, 1975, Philippine J. Vet. Med., v. 13 (1-2), 1974, 137-146
Eimeria tenella, chicks, clinical signs, cecal pathology, mortality rate, therapeutic value of various water-soluble coccidiostats

Nitrofurazone (Furacin)
Nagel, M. L.; and Summerfelt, R. C., 1977, Progr. Fish Cult., v. 39 (1), 18-23
Pleistophora ovariae in Notemigonus crysoleucas (ovaries), nitrofurazone, efficacy at various drug levels, high levels may inhibit host gonad development: culture ponds adjacent to Lake Carl Blackwell, Oklahoma

Nitrofurazone + Furazolidone (=Bifuran)
Panda, N. C.; et al., 1973, Indian Vet. J., v. 50 (1), 22-26
coccidiosis, chicks, Bifuran, sulphaquinoxaline, development of resistance to single coccidiostat over 3 year period; good results against coccidia by alternating drugs yearly

Nitrofurazone
Rane, L.; Rane, D. S.; and Kinnamon, K. E., 1976, Am. J. Trop. Med. and Hyg., v. 25 (3), 395-400
Trypanosoma rhodesiense, test system to evaluate large numbers of candidate drugs based on mortality of mice with blood-induced infections, serves as primary screen or as secondary and confirmatory test for active compounds

Nitrofurazone
Roegge, M. A.; Rutledge, W. P.; and Guest, W. C., 1977, Aquaculture, v. 12 (2), 137-140
Zoothamnium sp. on larval Macrobrachium acanthurus, chemical control; copper sulfate, dylox, methylene blue, terramycin, combiotic, potassium permanganate, Roccal, nitrofurazone, and malachite green showed little control or were toxic to larvae; formalin at 50 ppm gave complete control, and had no ill effects on larvae: aquaculture, Kerr County, Texas

5-Nitro-2-furaldehyde-semicarbazone (Nitrofurazone)
Schlemper, B. R., jr.; Chiari, E.; and Brener, Z., 1977, J. Protozool., v. 24 (4), 544-547
Trypanosoma cruzi, 48-hr drug screening test based on inhibition of exponential growth of culture forms as evaluated by cell counter, comparison with data from treating inoculated mice, advantages of in vitro method; culture forms not suitable for screening additives to prevent T. cruzi transmission by banked blood

Nitrofurazone + Furazolidone (= Bifuran)
Singh, J.; and Hussain, O., 1977, Ann. Parasitol., v. 52 (4), 397-402
Eimeria tenella, chicks with different levels of infection, comparison of therapeutic activity of sulphadimethoxine vs. bifuran and of effect of medication on development of immunity

Nitrofurazone -- Continued.

Furacillin
Svanbaev, S. K.; and Dzerzhinskii, V. A., 1976, Vestnik Sel'skokhoz. Nauki Kazakhstana (1), 70-72
Eimeria faurei, lambs, furacillin and furazolidone suppress parasite development in first half of prepatent period, treatment not useful in second half of prepatent period

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1-(5-Nitrofurfurylideneamino)-hydantoin. See Nitrofurantoin.

1-(6-Nitrofurfurylidene-amino)-2-imidazolidine. See Thiofuradene.

4-[(5-Nitrofurfurylidene) amino]-3-methylthiomorpholine-1,1-dioxide. See Nifurtimox.

5-Nitro-2-furfurylidene-7-carbazone. See Nitrofurazone.

Nitrofurtimox. See Nifurtimox.

Nitrofurylacrylamide -- F30066; Furapromidium; N-Isopropyl-3-(5-nitro-2-furyl)-acrylamide.

Furapromidium (F30066)
Ong, T.-M.; et al., 1977, Mutation Research, v. 48 (1), 37-42
furapromidium, induces gene mutations in various test systems presenting a possible mutagenic and carcinogenic hazard to man being treated for schistosomiasis japonica

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1-(5-Nitro-2-furyl)-2-[5-amino-2-(1,3,4-thiadiazolyl)]-ethylene (HB-126)
Schlemper, B. R., jr.; Chiari, E.; and Brener, Z., 1977, J. Protozool., v. 24 (4), 544-547
Trypanosoma cruzi, 48-hr drug screening test based on inhibition of exponential growth of culture forms as evaluated by cell counter, comparison with data from treating inoculated mice, advantages of in vitro method; culture forms not suitable for screening additives to prevent T. cruzi transmission by banked blood

2-(5-Nitro-2-furyl)-4-formylthiazole N,N-bis (2-hydroxyethyl)-hydrazone
Chatfield, D. H., 1976, Xenobiotica, v. 6 (8), 509-520
nitrofurylthiazoles, absorption, tissue distribution, metabolism, and excretion in rats and mice

N-(5-Nitro-2-furylidene)-3-amino-2-oxazolidone. See Furazolidone.

2-(5-Nitro-2-furyl)-4-(morpholino-iminomethyl) thiazole
Chatfield, D. H., 1976, Xenobiotica, v. 6 (8), 509-520
nitrofurylthiazoles, absorption, tissue distribution, metabolism, and excretion in rats and mice

2-(5-Nitro-2-furyl)-4-(thiomorpholino-iminomethyl) thiazole
Chatfield, D. H., 1976, Xenobiotica, v. 6 (8), 509-520
nitrofurylthiazoles, absorption, tissue distribution, metabolism, and excretion in rats and mice

2-(5-Nitro-2-furyl)-4-(thiomorpholino-iminomethyl) thiazole-1',1'-dioxide
Chatfield, D. H., 1976, Xenobiotica, v. 6 (8), 509-520
nitrofurylthiazoles, absorption, tissue distribution, metabolism, and excretion in rats and mice

Nitroguanil
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

Nitroguanil
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

Nitroguanil
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

2-, 4- and 5-Nitroimidazoles
Sunjic, V.; et al., 1972, Pharmazie, v. 27 (3), 131-138
Trichomonas vaginalis, physico-chemical properties, biochemical activities, assessment for use as trichomonicides

1-(2-Nitro-1-imidazolyl)-3-methoxy-2-propanol. See Misonidazole.

1-(2-Nitro-1-imidazolyl)1,2-propanediol -- Ro 5-9963.

Ro 5-9963
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

1-(2-Nitro-1-imidazolyl)1,2-propanediol -- Continued.

1-(2-Nitro-1-imidazolyl)1,2-propanediol (Ro 5-9963)
Schlemper, B. R., jr.; Chiari, E.; and Brener, Z., 1977, J. Protozool., v. 24 (4), 544-547
Trypanosoma cruzi, 48-hr drug screening test based on inhibition of exponential growth of culture forms as evaluated by cell counter, comparison with data from treating inoculated mice, advantages of in vitro method; culture forms not suitable for screening additives to prevent T. cruzi transmission by banked blood

4-Nitro-4-isothiocyanato-diphenylamine. See 4-Isothiocyanato-4'-nitrodiphenylamine.

4-Nitro-4'-isothiocyano-diphenyl-ether. See Nitroscanate.

Nitromide -- Unistat.

Unistat
McLoughlin, D. K.; and Chute, M. B., 1973, Avian Dis., v. 17 (4), 717-721
Eimeria tenella, chickens (exper.), nequinate, good results against a sensitive strain and strains resistant to non-quinoline coccidiostats, development of nequinate-resistant strain, cross-resistance study

Nitropyridinecarboxamides and derivatives
Morisawa, Y.; Kataoka, M.; and Kitano, N., 1977, J. Med. Chem., v. 20 (4), 483-487
Eimeria tenella, synthesis and anticoccidial activity of nitropyridinecarboxamides and derivatives, chickens

4-Nitroquinoline 1-oxide
Leon, W.; Cruz, F. S.; and Vasconcellos, M. E., 1975, J. Protozool., v. 22 (2), 277-280
Crithidia fasciculata, growth inhibition by 4-nitroquinoline 1-oxide, dicoumarol and bovine albumin reversed inhibition

4-Nitroquinoline 1-oxide (NQO)
Leon, W.; and Krassner, S. M., 1976, J. Parasitol., v. 62 (1), 115
Leishmania tarentolae, promastigotes, inhibition of cell growth by 2 carcinogenic nitroquinoline derivatives

Nitroscanate -- GS-23654; 4-Nitro-4'-isothiocyano-diphenyl-ether.

Nitroscanate
Coles, G. C.; and McNeillie, R. M., 1977, J. Helminthol., v. 51 (4), 323-326
dietary feeding of drugs for 5 days to mice infected with Nematospiroides dubius and Hymenolepis nana, detected all modern anthelmintics examined except stilbazium; simple test using N. spathiger eggs and Nippostrongylus brasiliensis adults to detect anthelmintics in vitro

Nitroscanate -- Continued.

Nitroscanate
Cornish, R. A.; and Bryant, C., 1976, Internat. J. Parasitol., v. 6 (5), 393-398
Fasciola hepatica maintained in vitro, effects of rafoxanide, nitroscanate, and mebendazole on oxidative pathways

Nitroscanate
Gemmell, M. A.; Johnstone, P. D.; and Oudemans, G., 1977, Research Vet. Sc., v. 22 (3), 391-392
Echinococcus granulosus, Taenia hydatigena, dogs (exper.), micronised nitroscanate, drug trials, good results, suggested that micronisation may increase drug efficiency fourfold without increasing toxic effects

Nitroscanate (4-Nitro-4'-isothiocyanodiphenyl-ether)
Gemmell, M. A.; and Oudemans, G., 1975, Research Vet. Sc., v. 19 (2), 217-219
Echinococcus granulosus, Taenia hydatigena, dogs (exper.), trials to establish effective treatment schedule for nitroscanate

4-Nitro-4'-isothiocyano-diphenyl-ether (GS-23654)
Schantz, P. M.; Prezioso, U.; and Marchevsky, N., 1976, Am. J. Vet. Research, v. 37 (5), 621-622
immature Echinococcus granulosus, dogs, divided doses of GS-23654, efficacy was dosage dependent and increased with number of times dosage was repeated

Nitrothiazol. See Niridazole.

1-(5-Nitro-2-thiazolyl)imidazolidine. See Niridazole.

1-(5-Nitro-2-thiazolyl)-2-imidazolidinone. See Niridazole.

(Nitro-5-thiazolyl-2)-1-imidazolidinone-2. See Niridazole.

(5-Nitro-1-thienyl)-N-acetylamine (Sch 1773)
Bradley, R. E.; and Panitz, E., 1976, J. Parasitol., v. 62 (4), 643-644
Histomonas meleagridis, turkey poults (exper.), prophylactic efficacy of (5-nitro-1-thienyl)-N-acetylamine

Nitrothiophenes, substituted
Lee, R. M., 1977, Parasitology, v. 75 (2), xvii [Abstract]
Schistosoma mansoni, comparative activity of substituted nitrothiophenes in vivo (mice) and in vitro

4'Nitro 3'trifluoromethyl isobutyranilide. See Flutamide.

Nitroxynil -- 4-Cyano-2-iodo-6-nitrophenol; Dovenix; Iodo-3-hydroxy-4 nitro-5 benzonitrile; Trodax.

Nitroxynil (Dovenix)
Bouchet, A.; Dupre, J. J.; and Andrianjafy, G., 1974, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 27 (3), 275-279
Oestrus ovis, sheep, nitroxynil, only one treatment required

Dovenix
Bratanov, V., 1976, Vet. Sbirka, v. 74 (4), 35-36
Fasciola hepatica, Dovenix, sheep, high therapeutic activity and economic effectiveness

Nitroxynil (Dovenix)
Eckert, J.; et al., 1977, Schweiz. Arch. Tierh., v. 119 (4), 135-148
Fasciola hepatica, cattle (liver, bile ducts), subacute fascioliasis, clinical findings, pathology, antibodies and increased GLDH levels in sera of coprologically positive animals, nitroxynil, rafoxanide, decreased excretion of Fasciola eggs but a parasitological cure was not achieved, outbreak possibly caused by liquid manure on fodder, recommended control measures: dairy farm near Zurich

Nitroxynil
Foreyt, W. J.; and Todd, A. C., 1976, J. Wildlife Dis., v. 12 (3), 361-366
Fascioloides magna in Odocoileus virginianus, hexachlorophene, nitroxynil, and rafoxanide partially successful; hexachloroethane, clioxanide, and diamphenethide not effective

Nitroxynil (Dovenix)
Laemmler, G.; and Gruener, D., 1976, Berl. u. Munchen. Tierarztl. Wchnschr., v. 89 (11), 222-225; (12), 229-233
Capillaria hepatica in Mastomys natalensis, comparative activity of 24 anthelmintics, possible model screening system

Nitroxynil
Makkar, M. S., 1974, Indian J. Animal Research, v. 8 (2), 81-83
effect of nitroxynil on blood pressure and respiration of dogs and pupil size of rabbits; no trypanocidal effect against Trypanosoma evansi in rats

Nitroxynil
Makkar, M. S.; Joshi, H. C.; and Gupta, I., 1974, Indian J. Animal Research, v. 8 (2), 75-78
Haemonchus contortus, other nematodes, experimentally or naturally infected sheep, nitroxynil highly effective, critical testing; in vitro testing against H. contortus

Nitroxynil
Makkar, M. S.; Joshi, H. C.; and Gupta, I., 1975, Indian Vet. J., v. 52 (6), 451-456
Ancylostoma caninum, dogs (nat. and exper.), nitroxynil subcutaneously, drug efficacy, good results; nitroxynil not effective against Taenia sp., Dipylidium sp., Toxocara sp.

Nitroxynil -- Continued.

Nitroxynil (Dovenix)
Monov, M.; and Bratanov, V., 1976, Vet. Sbirka, v. 74 (4), 33-35
nitroxynil, Fasciola, buffaloes, efficacious

Nitroxynil (Trodax)
Needham, A. J. E., 1977, Rhodesian Vet. J., v. 8 (1), 14-20
Fasciola gigantica, cattle, nitroxynil, rafoxanide, little economic benefits from treatment: Rhodesia

Nitroxynil
Okao, E. T., 1975, Trop. Animal Health and Prod., v. 7 (3), 157-163
Fasciola gigantica, live weight gains of chronically infected cattle (Bos indicus) following treatment with oxyclozanide, rafoxanide, hexachlorophene and nitroxynil, optimum frequency of treatment is 3 times a year, chemotherapy as a control measure is economically beneficial to livestock industry in Uganda

Nitroxynil
Stammers, B. M., 1975, Ztschr. Parasitenk., v. 47 (2), 145-150
Fasciola hepatica, disruption of spermatogenesis, known fasciolicides and other anthelmintics tested

Nitroxynil (Trodax)
Stammers, B. M., 1976, Research Vet. Sc., v. 20 (2), 174-179
Fasciola hepatica, sheep (exper.), effects of nitroxynil administered at various intervals after infection on flukes surviving treatment (occurrence of structurally abnormal flukes, deleterious effect on fluke growth and egg hatchability, reduced faecal egg counts)

Nitroxynil (Trodax)
Sutherland, I. H.; and Batty, A. F., 1971, Vet. Rec. (4880), v. 89 (23), 603, 604-605
Fasciola hepatica, sheep, rafoxanide effectively reduced fecal fluke egg count with no toxic side effects, compares favorably with hexachlorophene, oxyclozanide, and nitroxynil: Great Britain

Dovenix (Nitroxynil)
Vyhnalek, J.; Kocman, J.; and Skaloud, J., 1976, Vet. Med., Praha, v. 49, v. 21 (7), 427-433
Fasciola hepatica, cattle and sheep, field trials, Nilzan and Dovenix effective, no side effects

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Nivaquine. See Chloroquine.

No-Pest Strip, Shell. See Dichlorvos.

Norcamphan-(3-spiro-5)-hydantoin
Heischkeil, R., 1973, Ztschr. Tropenmed. u. Parasitol., v. 24 (4), 505-516
Plasmodium vinckei, chemotherapeutic activity of selected antagonists of folic acid metabolism with special reference to structure-activity relationships, comparison with some standard antimalarials; some compounds also exert noxious effect on host

Noremetine
Entner, N.; and Grollman, A. P., 1973, J. Protozool., v. 20 (1), 160-163
Entamoeba histolytica, effect of amebicidal agents on protein synthesis, correlation of drug structural characteristics with biologic activity, implications for designing drugs with increased margin of selective toxicity for parasite vs. host

Notezine. See Diethylcarbamazine.

Novastat. See Aklomide or Sulfanitran.

Novastat-W. See Aklomide or Sulfanitran.

Noviben. See Cambendazole.

Novoscabin. See Benzyl benzoate.

Noxal. See Sulfaquinoxaline.

NQO. See 4-Nitroquinoline 1-oxide.

NRDC 161 + Ethion
Nolan, J.; and Bird, P. E., 1977, J. Austral. Entom. Soc., v. 16 (3), 252
Boophilus microplus, organophosphorus-resistant strains, effective control of ticks with addition of small quantities of synthetic pyrethroids to organophosphorus acaricides; coefficients of co-toxicity

Nucleocidin
Sherman, I. W., 1974, J. Protozool., v. 21 (3), 452 [Abstract]
Plasmodium knowlesi cell-free system, requirements for optimum protein synthesis, effect of various drugs

Nucleocidin
Sherman, I. W., 1976, Comp. Biochem. and Physiol., v. 53 (4B), 447-450
Plasmodium knowlesi ribosomes, development of highly active cell-free protein synthesizing system, use in assaying antimalarials

Nucleocidin
Williamson, J.; and Macadam, R. F., 1976, Tr. Roy. Soc. Trop. Med. and Hyg., v. 70 (2), 130-137
Trypanosoma rhodesiense, effects of puromycin and its aminonucleoside, cordycepin and nucleocidin on fine structure

Nucleocidin
Williamson, J.; and McLaren, D. J., 1974, J. Protozool., v. 21 (3), 453-454 [Abstract]
Trypanosoma rhodesiense, induction of cytoplasmic clefts by Puromycin, Cordycepin, and Nucleocidin, results suggest drugs may prevent uptake of required unsaturated fatty acids and promote excessive intake of saturated acids

Nucleocidin
Williamson, J.; and Scott-Finnigan, T. J., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (1), 1-2 [Demonstration]
Trypanosoma congolense, in vitro testing of antiviral and antitumor compounds with possible trypanicidal effects, probable RNA inhibition

Nyctanthes arbortristis
Lal, Jawahar; et al., 1976, Indian J. Physiol. and Pharmacol., v. 20 (2), 64-68
Ascaridia galli, in vitro anthelmintic activity of 10 medicinal plants, comparison with piperazine hexahydrate

Nystatin
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

Nystatin + Metronidazole
Pathak, U. N.; Sur, S. K.; and Farrand, R. J., 1975, Brit. J. Clin. Pract., v. 29 (10), 270-272
human vaginitis, clinical trials using metronidazole tablets with nystatin pesseries, comparison with nitrofuratel tablets and pesseries

Nystatin + Lysozyme + Metronidazole
Pavetto, P. F., 1973, Minerva Ginec., v. 25 (1), 46-54
human Trichomonas vaginalis vaginitis and mixed infections with Monilia, double-blind clinical trials testing metronidazole, nystatin and lysozyme in a combined vaginal suppository

Nystatin + Tinidazole
Rustrian Azamar, A., 1977, Medicina, Mexico, an. 57 (1218), v. 57, 70-72
Trichomonas vaginalis as mixed vaginal infection with Candida albicans, good results in clinical trials using combined tinidazole-nystatin vaginal therapy: Mexico

Ocimum basilicum + Leucas aspera + Erythrina indica
  Narayana, K.; Rao, H. S.; and Setty, D. R. L., 1975, Indian Vet. J., v. 52 (6), 494-495
    Demodex canis, dogs, clinical symptoms, Ocimum basilicum leaves + Leucas aspera leaves + Erythrina indica seed rubbed onto cutaneous lesions, good results

n-Octa-decylamino-4 quinoline
  Renault, J.; Cavier, R.; and Renault, S., 1976, Compt. Rend. Acad. Sc., Paris, v. 282, s. D, (5), 509-511
    Entamoeba dysenteriae, secondary aminoquinolines, influence of alkylamino chain length and position on activity in vitro and in vivo

n-Octylamino-4 quinoline
  Renault, J.; Cavier, R.; and Renault, S., 1976, Compt. Rend. Acad. Sc., Paris, v. 282, s. D, (5), 509-511
    Entamoeba dysenteriae, secondary aminoquinolines, influence of alkylamino chain length and position on activity in vitro and in vivo

Oligomycin
  Opperdoes, F. R.; Borst, P.; and de Rijke, D., 1976, Comp. Biochem. and Physiol., v. 55 (1B), 25-30
    Trypanosoma brucei brucei, T. evansi, oligomycin sensitivity of mitochondrial ATPase as a simple biochemical marker for presence of functional kinetoplast DNA and mitochondrial protein-synthesizing system and, hence, the ability to develop functional mitochondria and to multiply in insects

Oligomycin
  Warhurst, D. C.; and Thomas, S. C., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (4), 428 [Demonstration]
    Plasmodium berghei, chloroquine treatment in vitro causes digestive vesicles containing hemozoin to clump together, competitive inhibition of this clumping by quinine and oligomycin, possibility that clumping site is a membrane ATP-ase used by the intraerythrocytic parasite

Olivacine -- 1,5-Dimethyl-6-hydro-pyrido-4,3b-carbazole.

Olivacine
  Cruz, F. S.; Vasconcellos, M. E.; and Leon, W., 1975, J. Protozool., v. 22 (3), 86A-87A [Abstract]
    Trypanosoma cruzi, different strains, inhibition by olivacine and olivacine pamoate in vitro

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Olivacine pamoate
  Cruz, F. S.; Vasconcellos, M. E.; and Leon, W., 1975, J. Protozool., v. 22 (3), 86A-87A [Abstract]
    Trypanosoma cruzi, different strains, inhibition by olivacine and olivacine pamoate in vitro

Olivomycine
  Titova, T. S.; et al., 1976, Izvest. Akad. Nauk SSSR, s. Biol. (5), 754-759
    Crithidia oncopelti, influence of olivomycine on changes in lipid composition and content of sensitive and resistant C. oncopelti cultures

Omnibon. See Sulfadimethoxine.

Omnidazole. See Thiabendazole.

Omnizole. See Thiabendazole.

Onchozan. See Diethylcarbamazine.

Organophosphorus compounds
  Cottereau, Ph., 1976, Rev. Med. Vet., Toulouse, v. 127 (4), 575-576, 579-586
    parasitic diseases, calves, prophylaxis using food and sanitary preparations, levamisole chlorhydrate for internal helminths, carbamates or organophosphorus compounds for scabies, economical in large fattening farms

Organophosphorus compounds
  Magat, A., 1968, Maroc Med. (517), v. 48, 576-584
    toxicological complications in use of organophosphorus compounds in veterinary practice, review

Organophosphorus acaricides
  Smallman, B. N.; and Riddles, P. W., 1977, Pesticide Biochem. and Physiol., v. 7 (4), 355-359
    Boophilus microplus, choline acetyltransferase activity uniform between organophosphorus-resistant and -susceptible strains, concluded that two enzymic components of cholinergic system are controlled independently

Ormetoprim -- 2,4 Diamino-5(6-methyl veratryl) pyrimidine; Ro5-9754.

Ormetoprim (Ro5-9754)
  Melton, M. L.; and Sheffield, H. G., 1975, J. Parasitol., v. 61 (4), 713-717
    Toxoplasma gondii, degree of inhibition of penetration and multiplication in cultured cells by lasalocid, monensin, ormetoprim, sulfadimethoxine, and a combination of the latter two

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Ornidazole -- 1-Chloro-hydroxy-propyl-2-methyl-5-nitroimidazole; 1-(2-Hydroxy-3-chloropropyl)-2-methyl-5-nitroimidazole; (Hydroxy-2 chloro-3 propyl)-1 methyl-2 nitro-5 imidazole; Ro 7-0207; Tiberal.

Tiberal
  Gaudin, G.; and Chen, C., 1976, Praxis, Bern, v. 65 (20), 626-627
    human vaginal Trichomonas, successful treatment trials using tiberal as single dose therapy

Ornidazole -- Continued.

Ornidazole
Meingassner, J. G., 1977, Experientia, v. 33 (9), 1160-1161
Trichomonas vaginalis, mice infected s.c. vs. intravaginally, comparative studies on trichomonacidal activity of metronidazole, tinidazole, nimorazole, and ornidazole, marked decrease of activity when analyzed in s.c. infected mice

Ornidazole
Meingassner, J. G.; and Mieth, H., 1976, Experientia, v. 32 (2), 183-184
Tritrichomonas foetus, induction of metronidazole resistance, marked cross-resistance to other 5-nitroimidazole-derivatives in vitro and in vivo

Ornidazole
Meingassner, J. G.; and Mieth, H., 1977, Arzneimittel-Forsch., v. 27 (3), 638-639
Trichomonas vaginalis, rats, metronidazole, tinidazole, nitrimidazine and ornidazole showed systemic trichomonacidal activity within rather narrow dosage range after 3 oral doses and after a single dose

Ro 7-0207
Pudjiadi, S. H.; et al., 1973, Paediat. Indonesiana, v. 13 (4), 113-119
Entamoeba histolytica in children, Ro 7-0207 used in comparative clinical trials with metronidazole showed results equal to that of metronidazole: Jakarta, Indonesia

Ornidazole
Savel, J., 1976, Ann. Pharm. Franc., v. 34 (7-8), 249-259
Entamoeba histolytica, Trichomonas vaginalis, ornidazole compared with metronidazole in vitro and in vivo, rats, hamsters

Tiberal (Ro-7-0207)
Sunoto, 1976, Paediat. Indonesia, v. 16 (9-10), 403-411
intestinal amoebiasis in children, tiberal a promising therapy in comparison clinical trials with metronidazole: Indonesia

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Orotic acid -- Orotyl sulfamate.

Orotyl sulfamate
Heischkeil, R., 1974, Tropenmed. u. Parasitol., v. 25 (1), 105-115
Plasmodium vinckei, mice, purine and pyrimidine derivatives, antimetabolic activity against structurally analogous vitamins of the B complex and precursors of nucleic acids, plasmodiostatic activity compared to some standard antimalarials

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Orotyl sulfamate. See Orotic acid.

Otoryl
Nagendram, C.; and Rajamanickam, C., 1975, Southeast Asian J. Trop. Med. and Pub. Health, v. 6 (3), 452 [Demonstration]
Otodectes cynotis, ear mange in cats, clinical aspects, satisfactory treatment with parasiticide such as otoryl or ectorol: Petaling Jaya, Malaysia

Otoryl
Nagendram, C.; and Rajamanickam, C., 1976, Malaysian Vet. J., v. 6 (2), 84
Otodectes cynotis, cats (ears), clinical signs, diagnosis, otoryl, ectorol, good results: Petaling Jaya

Ovithelm-plus. See Diethylcarbamazine or Morantel.

Oxamniquine -- 6-Hydroxymethyl-2-isopropylaminomethyl-7-nitro-1,2,3,4-tetrahydroquinoline; 6-Hydroxymethyl-7-nitro-2-isopropylaminomethyl-1,2,3,4-tetrahydroquinoline; UK-4271.

Oxamniquine
Coles, G. C., 1975, J. Helminth., v. 49 (3), 205-209
Schistosoma mansoni schistosomula, 3-week-old, and adult worms, activity of 6 clinical and 6 experimental schistosomicides in vitro, concluded that meaningful screening for potential schistosomicides cannot at present be carried out in vitro

Oxamniquine (UK-4271)
Foster, R.; and Cheetham, B. L., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (5), 674-684
Schistosoma spp., oxamniquine, activity in rodents and in vitro, comparison with some other schistosomicides, toxicity studies

Oxamniquine (UK-4271)
Foster, R.; Cheetham, B. L.; and King, D. F., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (5), 685-693
Schistosoma spp., oxamniquine (base compound and salt forms), activity in sub-human primates, toxicity studies

Oxamniquine
Haese, W. H.; and Bueding, E., 1976, J. Pharmacol. and Exper. Therap., v. 197 (3), 703-713
Schistosoma mansoni, mice, hycanthone treatment induces hepatocellular carcinomas, micronodular hepatocellular whirling lesions with increased basophilia, precancerous nodules, no such changes induced by IA-4 or oxamniquine

Oxaminiquine (UK 4271)
Jewsbury, J. M., 1973, Ann. Trop. Med. and Parasitol., v. 67 (4), 431-438
Schistosoma mansoni, mice, hamsters, chemoprophylactic activities of lucanthone, hycanthone, niridazole, and oxamniquine compared

Oxamniquine -- Continued.

Oxamniquine
Jewsbury, J. M.; Homewood, C. A.; and Gibson, J., 1974, Ann. Trop. Med. and Parasitol., v. 68 (3), 365-366
Schistosoma mansoni, mice, worm distribution following treatment with hycanthone or oxamniquine, no evidence of liver shift of any magnitude until approx. 3 days after treatment

Oxamniquine
Jordan, P., 1977, Am. J. Trop. Med. and Hyg., v. 26 (5, part 1), 877-886
Schistosoma mansoni, humans, comparative evaluation of snail control, chemotherapy and provision of water supplies as methods for mass control of schistosomiasis; cost, advantages and disadvantages studied: St. Lucia

Oxamniquine
Katz, N.; Zicker, F.; and Pereira, J. P., 1977, Am. J. Trop. Med. and Hyg., v. 26 (2), 234-237
Schistosoma mansoni in humans, field trials using oxamniquine in endemic area, promising results with few side effects: Minas Gerais, Brazil

Oxamniquine (6-Hydroxymethyl-7-nitro-2-isopropylaminomethyl-1,2,3,4-tetrahydroquinoline)
Kaye, B.; and Woolhouse, N. M., 1976, Ann. Trop. Med. and Parasitol., v. 70 (3), 323-328
oxamniquine, new schistosomicide, metabolism and excretion in man and laboratory animals

Oxamniquine (UK-4271)
McMahon, J. E., 1976, Ann. Trop. Med. and Parasitol., v. 70 (1), 121-122
Schistosoma haematobium, human, oral treatment with oxamniquine ineffective: Tanga, Tanzania

Oxamniquine
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

Oxamniquine (UK 4271)
Monsalve, M. V.; et al., 1976, J. Toxicol. and Environment. Health, v. 1 (6), 1023-1026
study of chromosomes of Schistosoma mansoni-infected patients treated with oxamniquine in normal therapeutic doses shows no harmful effects of treatment

Oxamniquine
Mota-Santos, T. A.; et al., 1977, Am. J. Trop. Med. and Hyg., v. 26 (4), 727-731
Schistosoma mansoni, mice, immunosuppression: during infection; reversal by oxamniquine treatment; induction by adult worm membrane preparations but not by egg extract

Oxamniquine -- Continued.

Oxamniquine
Neame, K. D.; et al., 1977, Tr. Roy. Soc. Trop. Med. and Hyg., v. 71 (4), 287 [Demonstration]
Schistosoma mansoni, differences in schistosomicidal action of oxamniquine and hycanthone

Oxamniquine (UK-4271)
da Silva, L. C.; et al., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (2), 288-289 [Letter]
human schistosomiasis mansoni, clinical trials using single dose oral oxamniquine with promising results: Brazil

Oxamniquine
Woolhouse, N. M.; and Kaye, B., 1977, Parasitology, v. 75 (1), 111-118
Schistosoma mansoni, uptake and retention of oxamniquine and its metabolites by both sexes of worm following single oral or intramuscular dose in mice, and in vitro

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Oxantel -- Oxantel pamoate; trans-1,4,5,6-Tetrahydro-2(3-hydroxystyryl)-1-methyl pyrimidine; 1,4,5,6-Tetrahydro-1-methyl-2-[trans-3-hydroxystyryl] pyrimidine pamoate; CP-14,445.

Oxantel
Coles, G. C.; and McNeillie, R. M., 1977, J. Helminthol., v. 51 (4), 323-326
dietary feeding of drugs for 5 days to mice infected with Nematospiroides dubius and Hymenolepis nana, detected all modern anthelmintics examined except stilbazium; simple test using N. spathiger eggs and Nippostrongylus brasiliensis adults to detect anthelmintics in vitro

Oxantel
Garcia, E. G., 1976, Am. J. Trop. Med. and Hyg., v. 25 (6), 914-915
Trichuris trichiura, human, oxantel, effective and safe single dose chemotherapeutic agent

trans-1,4,5,6-Tetrahydro-2-(3-hydroxystyryl)-1-methyl pyrimidine (CP-14,445)
Howes, H. L., jr, ., 1972, Proc. Soc. Exper. Biol. and Med., v. 139 (2), 394-398
Trichuris muris and other helminths, dogs, mice (both exper.), CP-14,445 hydrochloride and pamoate compared with activity of known anthelmintics; dosage response data indicate that T. muris-mouse infection could be test model for antiwhipworm studies

Oxantel pamoate
Lee, E.-L.; et al., 1976, Am. J. Trop. Med. and Hyg., v. 25 (4), 563-567
evaluation of oxantel pamoate for treatment of severe clinical Trichuris trichiura infection in children, description of clinical trials and correlated treatment of frequently occurring mixed parasitic infections, oxantel suggested as safe and effective anthelmintic: Malaysia

Oxantel -- Continued.

Oxantel pamoate
Robinson, M.; Hooke, F.; and Iverson, K. E., 1976, Austral. Vet. Practitioner, v. 6 (3), 173-176
Trichuris vulpis, Ancylostoma caninum, Toxocara canis, dogs, oxantel pamoate separately and combined with pyrantel pamoate, drug efficacy, good results: Australia

trans-1,4,5,6-Tetrahydro-2-(3-hydroxystyryl)-1-methyl-pyrimidine (CP-14,445)
Zaman, V.; and Sabapathy, N. N., 1975, Southeast Asian J. Trop. Med. and Pub. Health, v. 6 (1), 103-105
Trichuris trichiura in humans, successful clinical trials testing CP-14,445, drug highly efficacious and without toxic side effects: West Malaysia

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Oxantel pamoate. See Oxantel.

Oxfendazole -- Methyl 5(6)-phenylsulfinyl-2-benzimidazole; Methyl 5(6)-phenylsulfinyl-2-benzimidazole carbamate; Methyl (5-(phenylsulfinyl)-1H-benzimidazol-2-yl) carbamate.

Oxfendazole
Baker, N. F.; and Fisk, R. A., 1977, Am. J. Vet. Research, v. 38 (9), 1315-1316
Ostertagia, Trichostrongylus, and Nematodirus, oxfendazole highly effective against adult stages in sheep

Oxfendazole
Brebion, J.; Leimbacher, F.; and Carassus, P., 1977, Rev. Med. Vet., Toulouse, v. 128 (4), 485-496, 501-502
excretion of oxfendazole in feces, urine and milk of ewes, principally in feces, very little in milk

Oxfendazole
Chalmers, K., 1977, N. Zealand Vet. J., v. 25 (10), 266-269
gastrointestinal nematodes and cestodes, sheep, oxfendazole, drug efficacy, good results: New Zealand

Oxfendazole
Coles, G. C.; and McNeillie, R. M., 1977, J. Helminthol., v. 51 (4), 323-326
dietary feeding of drugs for 5 days to mice infected with Nematospiroides dubius and Hymenolepis nana, detected all modern anthelmintics examined except stilbazium; simple test using N. spathiger eggs and Nippostrongylus brasiliensis adults to detect anthelmintics in vitro

Oxfendazole
Corwin, R. M., 1977, Am. J. Vet. Research, v. 38 (4), 465-467
mixed nematode infections, pigs, oxfendazole, critical evaluation: Missouri

Oxfendazole -- Continued.

Oxfendazole
Delatour, P.; et al., 1977, Rec. Med. Vet., v. 153 (10), 639-645
oxfendazole, experimental embryotoxicity in rat and sheep, recommended dose for sheep must be strictly observed for ewe at beginning of gestation period

Oxfendazole
Downey, N. E., 1976, Vet. Rec., v. 99 (14), 267-270
nematodes, calves (natural infections), oxfendazole compared with levamisole (oxfendazole showed higher efficacy than levamisole against Ostertagia spp., similar efficacy against other species), both drugs increased calves' weight gains

Oxfendazole
Downey, N. E., 1977, Vet. Rec., v. 101 (13), 260-263
gastrointestinal nematodes, sheep, controlled trial of oxfendazole before and after lambing, reduced egg output in ewes, high efficacy against nematodes in lambs, compared with levamisole

Oxfendazole
Kelly, J. C., 1976, Irish Vet. J., v. 30 (11), 173-175
oxfendazole, horses, field trial, high anthelmintic activity

Oxfendazole
Leimbacher, F.; Nicolas, J. A.; and Delahaye, J., 1976, Rev. Med. Vet., Toulouse, v. 127 (6), 941-958
oxfendazole, comparison with tetramisole, gastrointestinal strongylosis, lambs

Oxfendazole
Lyons, E. T.; Drudge, J. H.; and Tolliver, S. C., 1977, Am. J. Vet. Research, v. 38 (12), 2049-2053
internal parasites, horses, critical tests with oxfendazole, powder and pellet formulations

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Oxibendazole -- Methyl-5-n-propoxy-2-benzimidazole carbamate

Oxibendazole
Campbell, W. C.; McCracken, R. O.; and Blair, L. S., 1975, J. Parasitol., v. 61 (5), 844-852
Echinococcus multilocularis in mice and cotton rats, Taenia crassiceps in mice, effect of benzimidazole compounds on metacestodes, comparison of intraperitoneal, subcutaneous, and oral inoculation

Oxibendazole -- Continued.

Oxibendazole
Coles, G. C.; and McNeillie, R. M., 1977, J. Helminthol., v. 51 (4), 323-326
dietary feeding of drugs for 5 days to mice infected with Nematospiroides dubius and Hymenolepis nana, detected all modern anthelmintics examined except stilbazium; simple test using N. spathiger eggs and Nippostrongylus brasiliensis adults to detect anthelmintics in vitro

Oxibendazole
Coles, G. C.; and Simpkin, K. G., 1977, Research Vet. Sc., v. 22 (3), 386-387
resistance of normal nematode eggs and eggs of benzimidazole-resistant Haemonchus contortus and Trichostrongylus colubriformis to ovicidal activity of benzimidazoles, observed that eggs from benzimidazole-resistant nematodes are resistant to benzimidazoles, may be useful as simple screen for detecting resistance

Oxibendazole
Colglazier, M. L.; Kates, K. C.; and Enzie, F. D., 1975, J. Parasitol., v. 61 (4), 778-779
Haemonchus contortus, cambendazole-resistant strain, cross-resistance to thiabendazole, mebendazole, and oxibendazole, fully sensitive to levamisole

Oxibendazole
Crowley, J. W.; et al., 1976, Am. J. Vet. Research, v. 37 (11), 1285-1286
nematodes, cattle, oxibendazole, drug efficacy

Oxibendazole
Dorchies, P.; and Amalric, M., 1977, Rev. Med. Vet., Toulouse, v. 128 (1), 7-24
gastrointestinal helminths, gastrophilosis, horses, anthelmintics, drug efficacy, review

Oxibendazole
Gemmell, M. A.; Johnstone, P. D.; and Oudemans, G., 1977, Research Vet. Sc., v. 23 (1), 115-116
Taenia hydatigena, dogs (exper.), lethal effect of 6 benzimidazoles compared

Oxibendazole
Herlich, H., 1975, Proc. Helminth. Soc. Washington, v. 42 (2), 135-137
gastrointestinal nematodes, cattle (exper.), oxibendazole, efficacy against adult and larval stages

Oxibendazole
Herlich, H., 1976, Vet. Parasitol., v. 2 (4), 377-383
Trichostrongylus axei, T. colubriformis, rabbits, efficacy of 8 anthelmintics at dose rates known to be effective in ruminants, evaluation of this system as preliminary screen for testing potential anthelmintics

Oxibendazole -- Continued.

Oxibendazole
Kelly, J. D.; et al., 1977, Research Vet. Sc., v. 22 (2), 161-168
Haemonchus contortus, Trichostrongylus colubriformis, resistant or susceptible to thiabendazole, sheep, effect of route of administration (oral, intra-ruminal or intra-abomasal) on efficacy of benzimidazole anthelmintics

Oxibendazole
Nawalinski, T.; and Theodorides, V. J., 1976, Am. J. Vet. Research, v. 37 (4), 469-471
gastrointestinal parasites, ponies, critical tests with oxibendazole

Oxibendazole
Nawalinski, T.; and Theodorides, V. J., 1977, Vet. Med. and Small Animal Clin., v. 72 (1), 96-100
gastrointestinal parasites, ponies, oxibendazole drench, pellet, and tablet formulation equally effective

Oxibendazole
Scott, P., 1977, N. Zealand Vet. J., v. 25 (12), 373-378
detailed review of some modern equine anthelmintics, efficacy and safety

Oxibendazole
Theodorides, V. J.; et al., 1973, Brit. Vet. J., v. 129 (6), xcvii-xcviii
oxibendazole, outstanding efficacy against gastrointestinal parasites in domestic and laboratory animals (nat. and exper.), well tolerated with no effects on host reproduction

Oxibendazole
Theodorides, V. J.; et al., 1976, Am. J. Vet. Research, v. 37 (10), 1207-1209
gastrointestinal nematodes, cattle, drench and premix

Oxibendazole
Theodorides, V. J.; et al., 1977, Am. J. Vet. Research, v. 38 (6), 809-814
oxibendazole given at several times optimal dose concentrations to mice, rats, dogs, sheep, and cattle, no evidence of toxicologic or teratologic effects

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Oxinothiophos. See Quintiofos.

Oxipurinol. See Oxypurinol.

Oxophenarsine -- 3-Amino-4-hydroxyphenyl-arsinoxide hydrochloride; Mapharside; Mepharsen; Mepharside; Oxophenarsine hydrochloride.

Oxophenarsine
Bacchi, C.; et al., 1975, J. Protozool., v. 22 (3), 33A [Abstract]
Leptomonas, cross-resistance patterns of antrycide-resistant clones

Oxophenarsine -- Continued.

Oxophenarsine
Bacchi, C. J.; et al., 1975, Antimicrob. Agents and Chemotherapy, v. 8 (6), 688-692
Leptomonas of insect origin, cross-resistance patterns of clones to a variety of medical and veterinary trypanocides and leishmanicides, potential as a model screening system

Oxophenarsine hydrochloride (Mepharsen, Mepharside)
Grewal, A. S.; and Gill, B. S., 1976, Indian J. Animal Sc., v. 45 (1), 1975, 36-39
Trypanosoma evansi, rats (exper.), 4 arsenicals, effect on trypanosome morphology and infectivity in vivo (mice)

Mapharside
Macadam, R. F.; and Williamson, J., 1974, Ann. Trop. Med. and Parasitol., v. 68 (3), 301-306
Trypanosoma rhodesiense, suramin, tryparsamide, mapharside, drug effects on fine structure

Mapharside
Sherman, I. W., 1976, Comp. Biochem. and Physiol., v. 53 (4B), 447-450
Plasmodium knowlesi ribosomes, development of highly active cell-free protein synthesizing system, use in assaying antimalarials

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Oxophenarsine hydrochloride. See Oxophenarsine.

Oxophenylarsine -- Arsenosobenzene.

Arsenosobenzene
McLoughlin, D. K.; and Chute, M. B., 1973, Avian Dis., v. 17 (4), 717-721
Eimeria tenella, chickens (exper.), nequinate, good results against a sensitive strain and strains resistant to non-quinoline coccidiostats, development of nequinate-resistant strain, cross-resistance study

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Oxotremorine
Bigg, D. C. H.; and Purvis, S. R., 1976, Nature, London (5565), v. 262, 220-222
8 muscarinic agonists (compared with nicotine and pyrimithate), activity against Boophilus microplus, possible new class of acaricide

Oxotremorine methiodide
Bigg, D. C. H.; and Purvis, S. R., 1976, Nature, London (5565), v. 262, 220-222
8 muscarinic agonists (compared with nicotine and pyrimithate), activity against Boophilus microplus, possible new class of acaricide

Oxyclozanide -- 2,2'-Dihydroxy-3-3-5-5-6-pentachloro benzanilide; ICI Liver Fluke Remedy; Nilzan (with Tetramisole); 3,3,5,5,6-Pentachlor-2,2-dihydroxy benzanilide; Zanil.

Oxyclozanide (Zanil)
Chhabra, R. C.; and Bali, H. S., 1976, J. Research, Punjab Agric. Univ., v. 13 (2), 226-231
amphistomes in cattle and buffaloes, drug efficacy under field conditions, oxyclozanide (most effective), clioxanide (good results), niclosamide, niclofolan and hexachlorophene (least effective): Punjab, India

Zanil
Chowaniec, W.; et al., 1975, Med. Wet., v. 31 (12), 741-743
Fasciola hepatica, Haemonchus, Trichostrongylus, Nematodirus, cattle, Nilzan, Zanil, field trials, good results

Zanil + Nilverm (=Nilzan)
Chowaniec, W.; et al., 1975, Med. Wet., v. 31 (12), 741-743
Fasciola hepatica, Haemonchus, Trichostrongylus, Nematodirus, cattle, Nilzan, Zanil, field trials, good results

Nilzan
Chowaniec, W.; Paciejewski, S.; and Ziomko, I., 1976, Med. Wet., v. 32 (11), 682-683
Fasciola hepatica, cows, increase in milk production when treated with nilzan

Zanil
Chowaniec, W.; Ziomko, I.; and Paciejewski, S., 1976, Med. Wet., v. 32 (12), 739-741
Paramphistomum sp., cows, terenol highly effective, zanil not effective

Zanil (Oxyclozanide)
Christopher, J., 1974, Indian J. Animal Research, v. 8 (2), 79-80
amphistomiasis in sheep, Zanil, effective, well tolerated treatment

Oxyclozanide (Zanil)
Crossland, N. O.; et al., 1977, Brit. Vet. J., v. 133 (5), 518-525
Fasciola hepatica, lowland sheep, oxyclozanide and molluscicide trifenmorph, increased productivity and weight gain, increased weight and number of lambs produced: United Kingdom

Zanil
Fudalewicz-Niemczyk, W.; et al., 1975, Med. Wet., v. 31 (11), 666-668
sheep helminths, effective control with Nilverm and Zanil, increased weight gains and shearing yields: Hanczowa, Gorlice district

Zanil
Fudalewicz-Niemczyk, W.; et al., 1976, Acta Zootech., Bratislava (32), 5-19
gastrointestinal helminths, mountain sheep, nilverm and zanil, favorable influence on body weight and wool production of treated animals, no influence of treatment on fertility: Poland

Oxyclozanide -- Continued.

Oxyclozanid
Huebler, D., 1975, Pharmazie, v. 30 (5), 324-326
Fasciola hepatica, rabbits superior to rats as experimental host for screening trials of fasciolicides, laboratory trials using known anthelmintics

Nilzan
Malczewski, A.; et al., 1975, Med. Wet., v. 31 (12), 728-731
helminths, sheep, treatment with Nilverm and Nilzan more effective in May and November than in May and September, higher economic profit, increased weight gains and shearing yields: Olsztyn province

Oxyclozanide
Okao, E. T., 1975, Trop. Animal Health and Prod., v. 7 (3), 157-163
Fasciola gigantica, live weight gains of chronically infected cattle (Bos indicus) following treatment with oxyclozanide, rafoxanide, hexachlorophene and nitroxynil, optimum frequency of treatment is 3 times a year, chemotherapy as a control measure is economically beneficial to livestock industry in Uganda

Oxyclozanide (Zanil)
Owen, J. M., 1977, Equine Vet. J., v. 9 (1), 29-31
Fasciola hepatica, horses, clinical signs; method for diagnosing fluke ova in large amounts of feces; oxyclozanide, good results: Gloucester

Oxyclozanide (ICI Liver Fluke Remedy)
Roberts, H. M.; Adams, J. W. E.; and Danks, B. C., 1976, Rhodesian Vet. J., v. 6 (4), 73-76
Gastrodiscus aegyptiacus, widespread occurrence, can be highly pathogenic, resorantel, oxyclozanide, rafoxanide, only first two drugs effective at levels used, horses: Rhodesia

Oxyclozanide (Zanil)
Scott, J. M.; and Goll, P. H., 1977, Brit. Vet. J., v. 133 (3), 273-280
Fasciola hepatica, seasonal availability of metacercariae on pasture studied using parasite-free tracer lambs; anthelmintic trials with carbon tetrachloride, oxyclozanide, and rafoxanide: Ethiopian Central Highlands

Oxyclozanide (Zanil)
Sutherland, I. H.; and Batty, A. F., 1971, Vet. Rec. (4880), v. 89 (23), 603, 604-605
Fasciola hepatica, sheep, rafoxanide effectively reduced fecal fluke egg count with no toxic side effects, compares favorably with hexachlorophene, oxyclozanide, and nitroxynil: Great Britain

Oxyclozanide + Tetramisole (=Nilzan)
Vyhnalek, J.; Kocman, J.; and Skaloud, J., 1976, Vet. Med., Praha, v. 49, v. 21 (7), 427-433
Fasciola hepatica, cattle and sheep, field trials, Nilzan and Dovenix effective, no side effects

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Oxyphenisatin acetate -- Diacetyldioxyphenylisatin; FI 6518 (with Aminosidine and Piperazine).

Diacetyldioxyphenylisatin + Piperazine + Aminosidine (= FI 6518)
Tarabini Castellani, G., 1970, Minerva Gastroenterol., v. 16 (1), 45-49
human intestinal parasites, clinical trials using FI 6518 with and without thymol, acceptable drug for mass therapy: Somalia

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Oxypurinol -- Oxipurinol.

Oxipurinol
Marr, J. J.; and Berens, R. L., 1977, J. Infect. Dis., v. 136 (6), 724-732
Leishmania spp., in vitro study of anti-leishmanial effects of allopurinol and its metabolic derivative oxipurinol, suggested sites of action, reversal of antileishmanial effects by adenine and its derivatives

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Oxysteclin. See Oxytetracycline.

Oxytetracycline -- Liquamycin; Oxysteclin; Oxytetracycline hydrochloride; Terramycin; Terramycin Q.

Oxytetracycline (Liquamycin)
Carson, C. A.; Sells, D. M.; and Ristic, M., 1977, Am. J. Vet. Research, v. 38 (8), 1167-1172
Anaplasma marginale, cows (exper.), cell-mediated immunity and severity of clinical symptoms in response to challenge infection after inoculation with virulent, live attenuated, or killed A. marginale, effect of chemosterilization on residual immunity

Oxytetracycline
Chmielewski, J.; Jaremin, B.; and Zdrojewski, J., 1974, Polskie Arch. Med. Wewn., v. 51 (1), 91-94
human amoebiasis, hepato-pulmonary-pleural form, case report, diagnosis based on gel-precipitation test, combined therapy of metronidazole, dihydroemetine and oxytetracycline successful: Hindu sailor in Poland

Oxytetracycline
Florio, R.; et al., 1977, Rev. Med. Vet., Toulouse, v. 128 (3), 313-322
Haemobartonella felis, cats, clinical reactions, oxytetracycline, six cases fatal despite treatment: Toulouse district

Terramycin
Galhotra, A. P.; Gautam, O. P.; and Banerjee, D. P., 1977, Indian Vet. J., v. 54 (7), 522-527
Anaplasma marginale, calves (nat. and exper.), treatment trials with various drugs (terramycin, steclin, achromycin, reverin, gloxazone, reverin + gloxazone, steclin + gloxazone) during early and late stages of infection, reverin alone and combined therapy of steclin or reverin with gloxazone were most effective

Oxytetracycline -- Continued.

Oxytetracycline hydrochloride (Terramycin)
Hashemi-Fesharki, R.; and Shad-Del, F., 1975, Arch. Inst. Razi (27), 67-70
Theileria annulata, cattle (exper.), Terramycin, administered during incubation period, at beginning of clinical syndrome, and at height of parasitaemia and fever, no therapeutic value

Oxytetracycline HCl
Hidalgo, R. J., 1975, Am. J. Vet. Research, v. 36 (5), 635-640
Anaplasma marginale, propagation in bovine lymph node cell culture, direct fluorescent antibody technique used for detection of organism in culture and combined with standard microscopic count procedure to obtain numerical estimates of organism as criteria of growth, effect of oxytetracycline HCl

Oxytetracycline hydrochloride (Terramycin)
Kumar, B. J.; Muraleedharan, K.; and Rajasekharan, D., 1977, Mysore J. Agric. Sc., v. 11 (2), 214-216
Anaplasma marginale, crossbred cows (blood), case report, oxytetracycline hydrochloride, good results: Bangalore, India

Oxytetracycline + Gloxazone
Kuttler, K. L., 1972, Research Vet. Sc., v. 13 (6), 536-539
Anaplasma marginale, splenectomized calves, evaluation of 12 treatment schedules combining oxytetracycline and gloxazone

Oxytetracycline
Kuttler, K. L.; and Johnson, L. W., 1977, Vet. Med. and Small Animal Clin., v. 72 (8), 1354, 1356-1359
Anaplasma marginale, Babesia bigemina, B. argentina, Holstein heifers destined for shipment to Nicaragua, premunition by inoculation with organisms, oxytetracycline given to heifers administered attenuated or non-attenuated A. marginale; apparently resistant to field challenge in Nicaragua

Oxytetracycline (Liquamycin)
Kuttler, K. L.; and Todorovic, R. A., 1973, Proc. 6. National Anaplasmosis Conf. (Las Vegas, Nevada, March 19-20, 1973), 106-112
Anaplasma marginale, cattle, premunization, Gloxazone and Imidocarb superior to oxytetracycline in moderating premunizing infection, possible factors affecting success (age of host; virulence, size, and potency of premunizing inoculum; strain or size of challenge exposure; temperature and altitude)

Oxytetracycline
McHardy, N.; Haigh, A. J. B.; and Dolan, T. T., 1976, Nature, London (5562), v. 261, 698-699
Theileria parva, drug screening in vitro, only Menoctone showed appreciable activity, subsequent tests in cattle artificially infected with ECF confirmed activity of Menoctone against the disease, mode of action not clear but seems to act against schizont or earlier stages and probably along a widely occurring biochemical pathway

Oxytetracycline -- Continued.

Terramycin (Oxytetracycline hydrochloride)
Mwamba, T.; and Pandey, V. S., 1977, Ann. Recherches Vet., v. 8 (2), 167-169
Balantidium coli, pigs, epizootic form of disease causing high losses, terramycin useful treatment: Lubumbashi, Zaire

Oxytetracycline (Terramycin)
Pandey, V. S.; and Mwamba, T., 1977, Vet. Parasitol., v. 3 (2), 189-193
Balantidium coli, piglets, treatment with acetarsol alone and in combination with oxytetracycline, combination 100% effective

Oxytetracycline
Porter, R. L.; and Greve, J. H., 1976, Iowa State Univ. Vet., v. 38 (3), 109-113
Anaplasma marginale, cow, case report, differential diagnosis from leptospirosis, oxytetracycline, poor results, review: Aplington, Iowa

Oxytetracycline hydrochloride (Terramycin Q)
Radley, D. E.; et al., 1975, Vet. Parasitol., v. 1 (1), 35-41
Bos taurus, chemoprophylactic (oxytetracycline) immunization against Theileria parva (Muguga) or each of 5 recently-isolated theilerial strains (4 T. parva and 1 T. lawrencei), response to homologous and heterologous challenge

Oxytetracycline
Radley, D. E.; et al., 1975, Vet. Parasitol., v. 1 (1), 43-50
Bos taurus immunized either by chemoprophylaxis (oxytetracycline) or sub-lethal infection against various strains of Theileria lawrencei or T. parva, response to homologous and heterologous challenge

Oxytetracycline
Radley, D. E.; et al., 1975, Vet. Parasitol., v. 1 (1), 51-60
Bos taurus, chemoprophylactic (oxytetracycline) immunization using a combination of theilerial strains (Theileria parva and T. lawrencei), response to challenge better than animals immunized with only 1 or 2 strains

Terramycin
Rao, G. S.; Surendran, N. S.; and Choudary, K. V., 1973, Indian Vet. J., v. 50 (1), 104-105
theileriasis, exotic and cross-bred cows, treatment, best results using Berenil coupled with Achromycin: Andhra Pradesh

Terramycin
Roegge, M. A.; Rutledge, W. P.; and Guest, W. C., 1977, Aquaculture, v. 12 (2), 137-140
Zoothamnium sp. on larval Macrobrachium acanthurus, chemical control: copper sulfate, dylox, methylene blue, terramycin, combiotic, potassium permanganate, Roccal, nitrofurazone, and malachite green showed little control or were toxic to larvae; formalin at 50 ppm gave complete control, and had no ill effects on larvae: aquaculture, Kerr County, Texas

Oxytetracycline -- Continued.

Oxytetracycline
Ryley, J. F.; and Wilson, R. G., 1976, Parasitology, v. 73 (3), 287-309
Eimeria tenella, features of anticoccidial activity of 9 older anticoccidials re-investigated both in vivo and in cell culture, methodology discussed in relation to more active and more recent anticoccidials, further experiments with robenidine reported

Oxytetracycline (Oxysteclin) + Dithiosemicarbazone (356 C61)
Sharma, S. K.; Banerjee, D. P.; and Gautam, O. P., 1977, Ann. Recherches Vet., v. 8 (3), 307-313
Anaplasma marginale, cattle (exper.), dithiosemicarbazone (in combination with oxytetracycline), chloramphenicol and rolitetracycline very efficacious in bringing about clinical recovery and elimination of carrier status, imidocarb could not completely eliminate organisms, gentamicin sulphate ineffective

Oxytetracycline HCl (Liquamycin)
Simpson, C. F., 1975, Am. J. Vet. Research, v. 36 (10), 1443-1446
Anaplasma marginale, calves treated with oxytetracycline, adverse effects on morphologic features of anaplasma bodies

Oxytetracycline HCl (Liquamycin)
Simpson, C. F., 1977, Am. J. Vet. Research, v. 38 (10), 1509-1513
Paranaplasma caudata, calves, morphologic alteration of paranaplasma bodies following treatment with oxytetracycline; blood and liver biopsy specimens

Oxytetracycline -- Continued.

Oxytetracycline (Terramycin)
Tiwari, S. P.; Muley, A. R.; and Mehta, M. L., 1975, JNKVV Research J., v. 9 (3-4), 179-180
anaplasmosis, buffaloes and goats (blood of both), oxytetracycline, good results: Jabalpur

Oxytetracycline
Todorovic, R. A.; and Tellez, C. H., 1975, Trop. Animal Health and Prod., v. 7 (3), 125-131
adult cattle (Bos taurus), premunition against Babesia bigemina and B. argentina using Imidocarb or Ganaseg to control post premunition reactions was effective and practical; premunition against Anaplasma marginale using oxytetracycline and Gloxazone was less effective and not practical

Oxytetracycline
Young, A. S.; et al., 1977, Vet. Parasitol., v. 3 (4), 283-290
cattle immunized with Theileria lawrencei stabilates from Rhipicephalus appendiculatus either by fortuitous recovery or by chemoprophylaxis with oxytetracycline, survival without signs of clinical disease after prolonged natural challenge to T. lawrencei derived from Syncerus caffer

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Oxytetracycline hydrochloride. See Oxytetracycline.

Paederia foetida
Lal, Jawahar; et al., 1976, Indian J. Physiol. and Pharmaçol., v. 20 (2), 64-68
Ascaridia galli, in vitro anthelmintic activity of 10 medicinal plants, comparison with piperazine hexahydrate

Palaban. See Morantel.

Paludrin. See Chlorguanide.

Pamaquine -- 8-[4-(Diethylamino)-1-methylbutylamino]-6-methoxyquinoline; Pamaquine diphosphate; Plasmochin; WR 4234.

Plasmochin (WR 4234)
Davidson, D. E., jr.; et al., 1976, Am. J. Trop. Med. and Hyg., v. 25 (1), 26-33
Plasmodium cynomolgi var. bastianellii, trophozoite-induced malaria in Macaca mulatta as antimalarial drug testing system

Pamaquine diphosphate and Naphtholdisulfonate
Fink, E.; et al., 1973, Prog. Med., Paris, v. 101 (7), 281 [Abstract]
Plasmodium berghei yoelii, mice (exper.), establishment of mean causal prophylactic dose of selected antimalarial and experimental compounds

Pamaquine
McHardy, N.; Haigh, A. J. B.; and Dolan, T. T., 1976, Nature, London (5562), v. 261, 698-699
Theileria parva, drug screening in vitro, only Menoctone showed appreciable activity, subsequent tests in cattle artificially infected with ECF confirmed activity of Menoctone against the disease, mode of action not clear but seems to act against schizont or earlier stages and probably along a widely occurring biochemical pathway

Pamaquine
Schmidt, L. H.; et al., 1977, Am. J. Trop. Med. and Hyg., v. 26 (6, part 1), 1116-1128
Plasmodium cynomolgi, rhesus monkeys, various 8-aminoquinolines in combination with blood schizonticidal drugs, total dose of 8-aminoquinoline administered (rather than duration of treatment) is primary determinant of radical curative activity

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Pamaquine diphosphate. See Pamaquine.

Panacur. See Fenbendazole.

Pancoxin. See Amprolium or Ethopabate or Sulfaquinoxaline.

Panidazole -- 1-(2-(γ-Pyridyl)ethyl)-2-methyl-5-nitroimidazole.

Panidazole -- Continued.

Panidazole
Botero, D.; and Perez, A., 1977, Tr. Roy. Soc. Trop. Med. and Hyg., v. 71 (6), 508-511
Trichomonas vaginalis, Entamoeba histolytica, humans, panidazole therapeutic clinical trials, comparative trials with metronidazole show panidazole no better than metronidazole in treating amoebiasis and inferior in treating trichomoniasis

Panidazole
Meingassner, J. G.; and Mieth, H., 1976, Experientia, v. 32 (2), 183-184
Tritrichomonas foetus, induction of metronidazole resistance, marked cross-resistance to other 5-nitroimidazole-derivatives in vitro and in vivo

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Pantelmin. See Mebendazole.

Paradichlorobenzene -- o,o'-Dichlorbenzol; Neo Kurehasol (with Cresol).

Neo Kurehasol
Ito, S.; et al., 1975, Japan. J. Vet. Sc., Tokyo, v. 37 (3), 229-234
Toxoplasma, strains from cats infected with Isospora bigemina, oocysticidal effect of disinfectants, alcohols and other chemicals, only Lomasept, Neo Kurehasol, ethanol, methanol, peracetic acid, ammonia water, ammonium sulfide, and formalin were effective

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Paramomycin. See Paromomycin.

Paramomycin sulfate. See Paromomycin.

Paraoxon. See Diethyl p-nitrophenyl phosphate.

Paraquat (Gamoxone)
Binns, C. W., 1976, Papua N. Guinea Med. J., v. 19 (2), 105-107
paraquat applied to beard and scalp by native New Guinean as cure for lice resulted in severe toxic reaction and death, case history: Papua New Guinea

Pararosaniline -- p-Rosaniline; TAC pamoate; Tris(4-amino-phenyl-carbonium)pamoate; WR 3,709.

TAC pamoate (WR 3,709)
Kinnamon, K. E.; et al., 1977, J. Med. Chem., v. 20 (6), 741-744
Trypanosoma cruzi in mouse model, evaluation of potential antitrypanosomal compounds for suppressive activity equal to or greater than nifurtimox used as reference compound

Pararosaniline -- Continued.

TAC pamoate
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

p-Rosaniline
Ono, T.; and Inoki, S., 1976, Biken J., v. 19 (2), 63-69
p-rosaniline-sensitive and -resistant strains of Trypanosoma gambiense in mice, interaction of p-rosaniline, furazolidon on kinetoplast; development of resistance, appearance of akinetoplastic forms

TAC pamoate
Rane, L.; Rane, D. S.; and Kinnamon, K. E., 1976, Am. J. Trop. Med. and Hyg., v. 25 (3), 395-400
Trypanosoma rhodesiense, test system to evaluate large numbers of candidate drugs based on mortality of mice with blood-induced infections, serves as primary screen or as secondary and confirmatory test for active compounds

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Parathion -- 0,0-Diethyl-0-(4-nitrophenyl)phosphorothioate.

Parathion
Douch, P. G. C.; and Gahagan, H. M., 1977, Xenobiotica, v. 7 (5), 301-307
Moniezia expansa, Ascaris lumbricoides var suum, reduction and/or hydrolysis of niclosamide and related compounds by intact helminths and by enzyme preparations from the helminths and from mouse and sheep liver homogenates, reduction of niclosamide inhibited by allopurinol, indicates that co-administration of niclosamide and allopurinol might improve efficacy of anthelmintic, hydrolysis of benzanilide and related compounds inhibited by anthelmintic organophosphates

Parathion
Douch, P. G. C.; and Gahagan, H. M., 1977, Xenobiotica, v. 7 (5), 309-314
Ascaris lumbricoides var suum, N-deacetylase, localization and some properties, inhibition by anthelmintic organophosphates indicates they have potential use as adjuvants for anthelmintics of other chemical classes

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Parbendazole -- Helmatac; Helmatac 30; Methyl 5-butyl-2-benzimidazole-carbamate; Methyl-5(6)-butyl-2-benzimidazole carbamate; Neminil; SKF 29044; Verminun; Worm Guard.

Parbendazole (Helmatac)
Berger, J., 1975, J. South African Vet. Ass., v. 46 (4), 369-372
sheep, laboratory strain and parbendazole resistant field strain of Haemonchus contortus, resistant to five benzimidazoles, susceptible to levamisole and haloxon

Parbendazole -- Continued.

Parbendazole
Campbell, W. C.; McCracken, R. O.; and Blair, L. S., 1975, J. Parasitol., v. 61 (5), 844-852
Echinococcus multilocularis in mice and cotton rats, Taenia crassiceps in mice, effect of benzimidazole compounds on metacestodes, comparison of intraperitoneal, subcutaneous, and oral inoculation

Parbendazole
Coles, G. C.; and McNeillie, R. M., 1977, J. Helminthol., v. 51 (4), 323-326
dietary feeding of drugs for 5 days to mice infected with Nematospiroides dubius and Hymenolepis nana, detected all modern anthelmintics examined except stilbazium; simple test using N. spathiger eggs and Nippostrongylus brasiliensis adults to detect anthelmintics in vitro

Parbendazole
Coles, G. C.; and Simpkin, K. G., 1977, Research Vet. Sc., v. 22 (3), 386-387
resistance of normal nematode eggs and eggs of benzimidazole-resistant Haemonchus contortus and Trichostrongylus colubriformis to ovicidal activity of benzimidazoles, observed that eggs from benzimidazole-resistant nematodes are resistant to benzimidazoles, may be useful as simple screen for detecting resistance

Parbendazole
Delatour, P.; et al., 1976, Compt. Rend. Acad. Sc., Paris, v. 282, s. D, (5), 517-518
parbendazole, mebendazole, cambendazole, teratogenic activity on embryos exper. established in rat and mouse, antimitotic properties demonstrated in vivo and in vitro on mouse tumors, implications for use in animals whose flesh or products (eggs, milk) are consumed by man

Parbendazole
Dorchies, P.; and Amalric, M., 1977, Rev. Med. Vet., Toulouse, v. 128 (1), 7-24
gastrointestinal helminths, gastrophilosis, horses, anthelmintics, drug efficacy, review

Parbendazole
Duncan, W. A. M.; and Lemon, P. G., 1974, Cornell Vet., v. 64, Suppl. 4, 97-103
parbendazole given to pregnant rat, majority of fetuses were malformed at high dosage but not at lower dosages, average weight lower than that of controls

Parbendazole
Duncan, W. A. M.; Lemon, P. G.; and Palmer, A. K., 1974, Cornell Vet., v. 64, Suppl. 4, 104-108
parbendazole, pregnant white rabbits, various doses and days of pregnancy, high dosage produced depression in maternal weight gain during dosing, severely affected animals died or aborted litters, incidence of major malformations, minor anomalies and less common skeletal variants unaffected at any dose

Parbendazole -- Continued.

Parbendazole
Gemmell, M. A.; Johnstone, P. D.; and Oudemans, G., 1977, Research Vet. Sc., v. 23 (1), 115-116
Taenia hydatigena, dogs (exper.), lethal effect of 6 benzimidazoles compared

Parbendazole
Hancock, N. A.; and Poulter, D. A. L., 1974, Cornell Vet., v. 64, Suppl. 4, 92-96
parbendazole given pregnant sows at various stages of pregnancy, no abnormalities in piglets, no significant effect on incidence of dead or mummified fetuses, number or birth weight of live piglets or on perinatal survival

Parbendazole (Worm Guard)
Kelly, J. D.; et al., 1977, Research Vet. Sc., v. 22 (2), 161-168
Haemonchus contortus, Trichostrongylus colubriformis, resistant or susceptible to thiabendazole, sheep, effect of route of administration (oral, intra-ruminal or intra-abomasal) on efficacy of benzimidazole anthelmintics

Parbendazole
Kingsbury, W. D.; et al., 1976, J. Med. Chem., v. 19 (6), 839-840
laboratory trials comparing parbendazole, benzimidazole and 1- and 2-substituted indazoles, Trichinella spiralis-infected mice and nematode-infected sheep

Helmatac
Kozdon, O.; and Zajicek, D., 1976, Vet. Med., Praha, v. 49, v. 21 (11), 693-702
nematodes, sheep under natural field conditions, seasonal distribution as modified by dehelminthization, possible management strategies for effective timing of dehelminthization: Western Bohemia

Parbendazol (SKF 29044)
Laemmler, G.; and Gruener, D., 1976, Berl. u. Munchen. Tierarztl. Wchnschr., v. 89 (11), 222-225; (12), 229-233
Capillaria hepatica in Mastomys natalensis, comparative activity of 24 anthelmintics, possible model screening system

Parbendazole (SKF 29044)
Laemmler, G.; and Wolf, E., 1977, Tropenmed. u. Parasitol., v. 28 (2), 205-225
Litomosoides carinii in Mastomys natalensis (exper.), 17 anthelmintics and chemotherapeutics comparatively tested for their chemoprophylactic activity against various larval stages of the parasites

Parbendazole
Leland, S. E., jr.; et al., 1975, Am. J. Vet. Research, v. 36 (4), Part 1, 449-456
Cooperia punctata, in vitro-grown parasitic stages, evaluation of 28 anthelmintics using presumptive and confirmatory tests, comparison of in vitro potency with established in vivo activity against Cooperia and various other parasites, potential usefulness as preliminary screening method

Parbendazole -- Continued.

Parbendazole
Lemon, P. G.; and Hancock, N. A., 1974, Cornell Vet., v. 64, Suppl. 4, 77-84
parbendazole, single oral dose given to ewes in early pregnancy was not teratogenic, no adverse effect on conception, number of lambs born per ewe, nor weight of lambs at birth: United Kingdom

Parbendazole
Middleton, H. D.; et al., 1974, Cornell Vet., v. 64, Suppl. 4, 56-68
parbendazole given orally to pregnant ewes at therapeutic dose, no embryonic mortality or teratogenic effect on their lambs; increased dosage produced significant increase of ewes returning to estrus and skeletal abnormalities in their lambs: Australia

Parbendazole
Miller, C. R.; Szabo, K. T.; and Scott, G. C., 1974, Cornell Vet., v. 64, Suppl. 4, 85-91
parbendazole given pregnant cows 3 times, different dosages, at various stages of gestation, no abnormalities in calves at birth, no effect on maternal body weight, duration of pregnancy, incidence of abortion or number of calves born

Parbendazol (Neminil)
Pfeiffer, A., 1977, Prakt. Tierarzt, v. 58 (1), 32-38
Hyostrongylus rubidus, Oesophagostomum spp., sows treated for improved weight gain of weanling pigs

Parbendazole
Saunders, L. Z.; et al., 1974, Cornell Vet., v. 64, Suppl. 4, 7-40
parbendazole, toxicity, malformations in lambs born to ewes which had received twice normal dose during pregnancy; overdose resulting from overestimated animal weight and grossly inaccurate dosing guns is not uncommon in field situations

Parbendazole
Shone, D. K.; Philip, J. R.; and Fricker, J. M., 1974, Cornell Vet., v. 64, Suppl. 4, 69-76
ewes given parbendazole on either day 16 or 22 of pregnancy produced abnormal lambs, no apparent effect on ewe mortality, incidence of abortion, duration of gestation, nor number and weight of lambs born: Republic of South Africa

Parbendazole
Szabo, K. T.; Miller, C. R.; and Scott, G. C., 1974, Cornell Vet., v. 64, Suppl. 4, 41-55
sheep treated with parbendazole during pregnancy gave birth to significantly greater number of grossly abnormal lambs than controls or thiabendazole-treated sheep: United States

Parbendazole -- Continued.

Helmatac
Vashishta, M. S.; and Singh, R. P., 1977, Livestock Advis., v. 2 (7), 35-38
Haemonchus epidemic in sheep and goats, banminth-II, fenbendazole, helmatac, thibenzole, good results; development of geophagia in survivals or treated groups: Haryana

Parbendazole (Helmatac 30)
Verberne, L. R. M.; and Mirck, M. H., 1975, Tijdschr. Diergeneesk., v. 100 (21), 1143-1153
various doses, toxicity to horses and ponies, laxation, anorexia and listlessness; no unfavorable effects on pregnancy or fetal development

Helmatac
Zajicek, D.; and Kozdon, O., 1977, Veterinarstvi, v. 27 (6), 257-258
nematodes, sheep, relation of dehelminthization with pyrantel HCl, helmatac and nilverm to nematode incidence on pastures, three-year study, overall decrease

Parbendazole (Verminun)
Zaldivar, R.; et al., 1972, Rev. Invest. Pecuarias, v. 1 (2), 185-194
Parbendazole, carbon tetrachloride, Delnav, sheep, compatible, non-toxic

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Pargyline (= N-Methyl-N-2-propynylbenzylamine)
Graham, D. W.; et al., 1977, Experientia, v. 33 (10), 1274-1276
Eimeria tenella, E. acervulina, anticoccidial activity of riboflavine antagonists

Paromomycin -- Aminosidine; Aminosidine sulfate; FI 6518 (with Diacetyldioxyphenylisatin and Piperazine); Gabbroral; Humatin; Monomycin; Paramomycin; Paramomycin sulfate; Paromomycin sulphate.

Paromomycin
Dixon, H., 1974, J. Protozool., v. 21 (3), 450 [Abstract]
Crithidia fasciculata, effect of inhibitors of bacterial protein synthesis

Paramomycin sulfate
Duma, R. J.; and Finley, R., 1976, Antimicrob. Agents and Chemotherapy, v. 10 (2), 370-376
Naegleria fowleri, Acanthamoeba castellanii, A. polyphaga, in vitro susceptibility to variety of therapeutic agents, results suggest that amphotericin B is most effective agent against Naegleria but few agents are effective against Acanthamoeba

Paromomycin
Entner, N.; and Grollman, A. P., 1973, J. Protozool., v. 20 (1), 160-163
Entamoeba histolytica, effect of amebicidal agents on protein synthesis, correlation of drug structural characteristics with biologic activity, implications for designing drugs with increased margin of selective toxicity for parasite vs. host

Paromomycin -- Continued.

Paromomycin
Gregory, P. B., 1976, Gastroenterology, v. 70 (4), 585-588
case report of refractory hepatic amoebiasis in man despite multiple courses of emetine, chloroquine, and metronidazole, final resolution of infection after treatment of Entamoeba histolytica intestinal infection with various drugs considered as probable cause of continuing reinfection of liver: California

Monomycin
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

Paromomycin sulphate
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

Paromomycin sulphate (Humatin)
Nagington, J.; and Richards, J. E., 1976, J. Clin. Path., v. 29 (7), 648-651
in vitro testing of 24 compounds (9 found promising) for possible cysticidal activity against Acanthamoeba polyphaga and A. castellanii (2 strains), comparison with results with Naegleria gruberi

Paromomycin
Naquira, F.; et al., Bol. Chileno Parasitol., v. 21 (4), 134-135
Balantidium coli, action in vitro of paromomycin

Paromomycin sulfate (Humatin)
Palomino, H.; et al., 1970, Bol. Chileno Parasitol., v. 25 (1-2), 52-56
Giardia lamblia in children, comparative clinical trials testing acranil, furazolidone, metronidazole, paromomycin and intestopan

Aminosidine sulfate (Gabbroral)
Popescu-Iasi, I.; et al., 1974, Med. Int., Bucuresti, v. 26 (2), 209-214
human giardiasis, successful treatment with aminosidine sulfate: Bucuresti

Paromomycin (Humatin)
Sandars, D. F.; and Bianchi, G. N., 1970, Med. J. Australia, v. 1 (6), 261-266
Entamoeba histolytica epidemic in institutionalized mental defectives, high associated incidence of Trichuris trichiura suggests it as factor contributing to Entamoeba's pathogenicity; comparative study of effectiveness of intestopan and humatin in treatment of amoebiasis: Queensland, Australia

Paromomycin -- Continued.

Aminosidine + Diacetyldioxyphenylisatin + Piperazine (= FI 6518)
Tarabini Castellani, G., 1970, Minerva Gastroenterol., v. 16 (1), 45-49
human intestinal parasites, clinical trials using FI 6518 with and without thymol, acceptable drug for mass therapy: Somalia

Paramomycin
Visvesvara, G. S.; Healy, G. R.; and Jones, D. B., 1976, J. Protozool., v. 23 (2), 18A [Abstract]
Acanthamoeba spp., in vitro activity of several chemotherapeutic agents

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Paromomycin sulphate. See Paromomycin.

Partricin methyl ester. See Mepartricin.

Parvex. See Carbon disulfide or Piperazine.

Parvex Plus. See Carbon disulfide or Phenothiazine or Piperazine.

$PbHAsO_4$. See Lead arsenate.

Penicillamine (Dimethylcysteine) + Tartar emetic
Henry, W.; Girgis, N. I.; and Mansour, N. S., 1976, Ann. Trop. Med. and Parasitol., v. 70 (4), 425-429
Schistosoma mansoni in vitro, combined treatment with different concentrations of tartar emetic together with penicillamine in different ratios, effect on motility and antimony uptake by worms

Penicillin -- Combiotic (with Dihydrostreptomycin.

Penicillin + Chlortetracycline + Sulfamethazine
Foreyt, W. J.; Todd, A. C.; and Hartsough, G. R., 1977, Am. J. Vet. Research, v. 38 (3), 391-394
Isospora laidlawi, Eimeria vison and Eimeria sp. in Mustela vison (exper.), good results

Penicillin + Chlortetracycline + Sulfamethazine
Onawunmi, O. A.; and Todd, A. C., 1976, Am. J. Vet. Research, v. 37 (6), 657-660
porcine coccidiosis (exper.), suppression and control with chlortetracycline combination, buquinolate, and lincomycin hydrochloride

Combiotic
Roegge, M. A.; Rutledge, W. P.; and Guest, W. C., 1977, Aquaculture, v. 12 (2), 137-140
Zoothamnium sp. on larval Macrobrachium acanthurus, chemical control: copper sulfate, dylox, methylene blue, terramycin, combiotic, potassium permanganate, Roccal, nitrofurazone, and malachite green showed little control or were toxic to larvae; formalin at 50 ppm gave complete control and had no ill effects on larvae: aquaculture, Kerr County, Texas

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3,3,5,5,6-Pentachlor-2,2-dihydroxy benzanilide. See Oxyclozanide.

Pentachloroethane
Bartlet, A. L., 1976, Brit. J. Pharmacol., v. 58 (3), 395-400
Fasciola hepatica in vitro, spasmogenic action of carbon tetrachloride and hexachloroethane compared with that of chloroform, pentachloroethane and tetrachloroethylene

4,4'-(Pentamethylenedioxy) dibenzamidine. See Pentamidine.

Pentamidine -- 4,4'-Diamidinophenoxypentane; Lomidine; 4,4'-(Pentamethylenedioxy) dibenzamidine; Pentamidine diisethionate; Pentamidine isethionate; Pentamidine isothionate.

Pentamidine
Bacchi, C.; et al., 1975, J. Protozool., v. 22 (3), 33A [Abstract]
Leptomonas, cross-resistance patterns of antrycide-resistant clones

Pentamidine isethionate
Bacchi, C. J.; et al., 1975, Antimicrob. Agents and Chemotherapy, v. 8 (6), 688-692
Leptomonas of insect origin, cross-resistance patterns of clones to a variety of medical and veterinary trypanocides and leishmanicides, potential as a model screening system

Lomidine
Bertrand, E.; et al., 1974, Medecine Trop., v. 34 (4), 485-494
Trypanosoma gambiense, recommended treatment methods for various clinical entities in human trypanosomiasis

Pentamidine
Colombo, M. L.; and Dogliani, P., 1975, Minerva Pediat., v. 27 (26), 1446-1455
Pneumocystis carinii interstitial plasma cell pneumonia in infants, clinical features, case reports, pentamidine

Pentamidine
Damper, D.; and Patton, C. L., 1976, Biochem. Pharmacol., v. 25 (3), 271-276
Trypanosoma brucei, pentamidine transport, kinetics, specificity (competitive inhibition by other trypanocidal aromatic diamidines), structural specificity in relationship to varying drug affinities for transport site and possible role in drug cross-resistance

Pentamidine
Damper, D.; and Patton, C. L., 1976, J. Protozool., v. 23 (2), 349-356
Trypanosoma brucei brucei, T. b. rhodesiense, pentamidine transport and sensitivity, concluded that reduced drug uptake is primary mechanism of pentamidine resistance in trypanosomes

Pentamidine
Damper, D. W.; and Patton, C. L., 1976, J. Protozool., v. 23 (2), 16A [Abstract]
Trypanosoma brucei, pentamidine transport system, structural specificity

Pentamidine -- Continued.

Pentamidine
Das, B. P.; and Boykin, D. W., 1977, J. Med. Chem., v. 20 (9), 1219-1221
2,5-bis(4-guanylphenyl)thiophenes and -pyrroles, significant antiprotozoal activity against Trypanosoma rhodesiense but little activity against Plasmodium berghei in mice (exper.), laboratory synthesis and comparison trials with stilbamidine, hydroxystilbamidine and pentamidine

Pentamidine isethionate
DeVita, V. T., jr.; et al., 1976, National Cancer Inst. Monograph (43), 41-47
Pneumocystis carinii pneumonia in patients with cancer, differential diagnosis, clinical aspects, pentamidine isethionate

Pentamidine isethionate
Duma, R. J.; and Finley, R., 1976, Antimicrob. Agents and Chemotherapy, v. 10 (2), 370-376
Naegleria fowleri, Acanthamoeba castellanii, A. polyphaga, in vitro susceptibility to variety of therapeutic agents, results suggest that amphotericin B is most effective agent against Naegleria but few agents are effective against Acanthamoeba

Pentamidine isethionate
Dutz, W.; et al., 1976, National Cancer Inst. Monograph (43), 179-185
Pneumocystis carinii pneumonia in humans, advantages and disadvantages of therapy and prophylaxis using pentamidine isethionate or sulfadoxine combined with pyrimethamine

Pentamidine
Fairlamb, A. H.; and Bowman, I. B. R., 1977, Exper. Parasitol., v. 43 (2), 353-361
Trypanosoma brucei, effect of suramin and other trypanocidal compounds on sn-glycerol-3-phosphate oxidase, results suggest this enzyme is one of principal sites of action of suramin in vivo

Pentamidine isethionate
Giebink, G. S.; et al., 1976, Pediatrics, Am. Acad. Pediat., v. 58 (1), 115-118
pneumonia unresponsive to antibiotics in 2 Vietnamese infant immigrants, Pneumocystis carinii diagnosed by lung biopsy, case reports, probable immune deficiencies, treated with pentamidine isethionate

Pentamidine diisethionate
Goldberg, B.; et al., 1974, J. Protozool., v. 21 (2), 322-326
Leptomonas sp., inhibition by several standard antiprotozoal drugs of growth and oxygen uptake of cells and particulate preparations, possible use as model organism for screening antitrypanosomatid agents as compared to Crithidia fasciculata

Pentamidine
Goldstein, P. D.; and Patton, C. L., 1976, J. Protozool., v. 23 (2), 16A [Abstract]
Trypanosoma brucei, pentamidine transport in relation to antigenic variation and drug resistance

Pentamidine -- Continued.

Pentamidine isothionate
Hallett, J. J.; Fickenscher, L. G.; and Ablin, A. R., 1977, West. J. Med., San Francisco, v. 126 (6), 441-444
Pneumocystis carinii pneumonia in children, secondary complication of immunosuppressive therapy, factors to aid in early diagnosis by lung biopsy (open thoracotomy), pentamidine, case reports, clinical aspects: California

Pentamidine
Hanson, W. L.; Chapman, W. L., jr.; and Kinnamon, K. E., 1977, Internat. J. Parasitol., v. 7 (6), 443-447
Leishmania donovani in Mesocricetus auratus model, existing procedure modified to make possible screening of 10-15 selected compounds per week for antileishmanial activity, glucantime used as reference compound

Pentamidine (Lomidine)
Hentzer, B.; and Kobayasi, T., 1977, Ann. Trop. Med. and Parasitol., v. 71 (2), 157-166
Leishmania tropica, effects of pentamidine therapy on fine structure of amastigote stage

Pentamidine
Ivady, G., 1976, Monatschr. Kinderh., v. 124 (7), 577-581
Pneumocystis carinii pneumonia, differentiation into type affecting premature infants and type affecting immunodeficient adults and children, prophylaxis and treatment with pentamidine, pyrimethamine, sulfamethazole

Pentamidine + Pyrimethamine
Ivady, G., 1976, Monatschr. Kinderh., v. 124 (7), 577-581
Pneumocystis carinii pneumonia, differentiation into type affecting premature infants and type affecting immunodeficient adults and children, prophylaxis and treatment with pentamidine, pyrimethamine, sulfamethazole

Pentamidine isethionate
Ivady, G.; and Paldy, L., 1976, National Cancer Inst. Monograph (43), 201-209
Pneumocystis carinii pneumonia in infancy, pentamidine alone or in combination with pyrimethamine recommended as therapy along with supportive treatment: Hungary

Pentamidine isethionate
Kammerer, W. S.; and Perez-Esandi, M. V., 1975, Am. J. Trop. Med. and Hyg., v. 24 (1), 90-95
chemotherapeutic trials using 8 different drugs unsuccessful in treating exper. Echinococcus granulosus infections in mice and jirds

Pentamidine
Kottl, M. A.; et al., 1975, J. Protozool., v. 22 (3), 40A-41A [Abstract]
Leptomonas, clones resistant to berenil, acriflavin, or pentamidine, kinetoplast and mitochondrion morphology and function

Pentamidine -- Continued.

Pentamidine isethionate
Lau, W. K.; and Young, L. S., 1976, N. England J. Med., v. 295 (13), 716-718
Pneumocystis carinii pneumonia in adults on immunosuppressive therapy successfully treated with co-trimoxazole; results comparable to those reported for pentamidine

Pentamidine
Lau, W. K.; Young, L. S.; and Remington, J. S., 1976, J. Am. Med. Ass., v. 236 (21), 2399-2402
Pneumocystis carinii, human pneumonia, diagnosis by examination of pulmonary secretions, co-trimoxazole or pentamidine alone or with sulfadiazine-pyrimethamine: California

Pentamidine diisethionate
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

Pentamidine
Moore, D. L.; et al., 1969, Mayo Clin. Proc., v. 44 (3), 162-168
Pneumocystis carinii, interstitial pneumonia in children with acute leukemia,case reports, pentamidine and hydroxystilbamidine

Pentamidine di-isethionate
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

Pentamidine isethionate
Raether, W.; and Seidenath, H., 1976, Tropenmed. u. Parasitol., v. 27 (2), 238-244
trypanocidal effects and action of preparation 98/202 in exper. Trypanosoma rhodesiense infections in Macaca arctoides (possible new animal model for late stages of T. rhodesiense infections in man); animals previously treated with pentamidine or diminazene developed resistance to treatment

Pentamidine
Rane, L.; Rane, D. S.; and Kinnamon, K. E., 1976, Am. J. Trop. Med. and Hyg., v. 25 (3), 395-400
Trypanosoma rhodesiense, test system to evaluate large numbers of candidate drugs based on mortality of mice with blood-induced infections, serves as primary screen or as secondary and confirmatory test for active compounds

Pentamidine -- Continued.

Pentamidine isethionate
Rifkind, D., 1976, National Cancer Inst. Monograph (43), 49-54
Pneumocystis carinii pneumonia in renal transplant patients on immunosuppressive therapy, clinical management with isolation procedures to prevent transmission, differential diagnosis, pentamidine isethionate

Pentamidine (Lomidine)
Rottembourg, J.; et al., 1977, Nouv. Presse Med., v. 6 (10), 819-823
Pneumocystis carinii pneumonia in immunocompromised patient after cardiac transplantation, diagnosis by pulmonary biopsy, treatment with pentamidine, fansidar: France

Pentamidine isethionate + Hydrocortisone
Seed, J. R.; and Varney, J. R., 1976, Exper. Parasitol., v. 40 (2), 238-249
Trypanosoma brucei gambiense-infected rabbits, changes in diurnal rhythm of body temperature, preliminary results on diurnal rhythms of water consumption, fecal and urine output, return of normal temperature curve following chemotherapy (hydrocortisone + pentamidine isethionate)

Pentamidine di-isethionate
Sherman, I. W.; and Jones, L. A., 1976, J. Protozool., v. 23 (2), 277-281
Plasmodium lophurae, reliable procedure for isolation of active ribosomes, optimal requirements for in vitro synthesis of proteins, effects of variety of drugs on duck reticulocyte and plasmodial ribosomes in cell-free protein-synthesizing systems (restricted selectivity not obtained)

Pentamidine (Lomidine)
Smit, A. M., 1977, Trop. and Geogr. Med., v. 29 (1), 119 [Abstract]
description of human cutaneous leishmaniasis imported into the Netherlands from Surinam, pathology, treatment with pentostam and lomidine

Pentamidine (Lomidine)
Waalkes, T. P.; and Makulu, D. R., 1976, National Cancer Inst. Monograph (43), 171-177
Pneumocystis carinii pneumonia in humans, pharmacologic aspects of pentamidine, possible serious renal toxicity in immunodepressed patients, probable inhibition of dihydrofolate reductase in all tissues

Pentamidine isethionate
Walzer, P. D.; et al., 1976, National Cancer Inst. Monograph (43), 55-63
Pneumocystis carinii pneumonia, analysis of 194 confirmed cases in United States over 3-year period, diagnosis by biopsy or needle aspiration of lung, pentamidine therapy effective but frequently caused impaired renal function when given in conjunction with nephrotoxic agents, occurrence almost exclusively in immunosuppressed host with serious underlying disease

Pentamidine -- Continued.

Pentamidine isethionate
Young, R. C.; and DeVita, V. T., jr., 1976, National Cancer Inst. Monograph (43), 193-200
Pneumocystis carinii pneumonia in humans, randomized clinical trial comparing relative merits of pentamidine isethionate and pyrimethamine + sulfadiazine in treatment, comparative toxicity

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Pentamidine diisethionate. See Pentamidine.

Pentamidine isethionate. See Pentamidine.

Pentamidine isothionate. See Pentamidine.

Pentaquine -- 8-[5-(Isopropylamino)-n-pentylamino]-6-methoxyquinoline; Pentaquine diphosphate.

Pentaquine diphosphate
Fink, E.; et al., 1973, Prog. Med., Paris, v. 101 (7), 281 [Abstract]
Plasmodium berghei yoelii, mice (exper.), establishment of mean causal prophylactic dose of selected antimalarial and experimental compounds

Pentaquine diphosphate
Gaborak, M.; Darling, J. L.; and Gutteridge, W. E., 1977, Nature, London (5618), v. 268, 339-340
Trypanosoma cruzi, T. dionisii, drug sensitivities of culture forms almost identical, T. dionisii could replace T. cruzi in in vitro drug screens

Pentaquine
Schmidt, L. H.; et al., 1977, Am. J. Trop. Med. and Hyg., v. 26 (6, part 1), 1116-1128
Plasmodium cynomolgi, rhesus monkeys, various 8-aminoquinolines in combination with blood schizonticidal drugs, total dose of 8-aminoquinoline administered (rather than duration of treatment) is primary determinant of radical curative activity

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Pentaquine diphosphate. See Pentaquine.

Pentavalent tryparsamide. See Tryparsamide.

Pentostam. See Antimony sodium gluconate.

Pentylthiarsaphenylmelamine. See Melarsonyl potassium.

Pepstatin
Levy, M. R.; Siddiqui, W. A.; and Chou, S. C., 1974, Nature (5442), v. 247, 546-549
Plasmodium falciparum, P. knowlesi, acid protease activity in parasites and in ghosts of their respective host red cells, possible value of protease inhibitors in inhibiting growth of malarial parasites

Peracetic acid
Ito, S.; et al., 1975, Japan. J. Vet. Sc., Tokyo, v. 37 (3), 229-234
Toxoplasma, strains from cats infected with Isospora bigemina, oocysticidal effect of disinfectants, alcohols and other chemicals, only Lomasept, Neo Kurehasol, ethanol, methanol, peracetic acid, ammonia water, ammonium sulfide, and formalin were effective

Permethrin ear band
Ahrens, E. H.; et al., 1977, J. Econom. Entom., v. 70 (5), 581-585
Amblyomma maculatum, cattle, field trials to evaluate effectiveness of insecticide-impregnated ear tags, ear bands, neck bands, and asphalt-base aerosols, prevention of screwworm infestations by controlling ticks

Permethrin + Ethion
Nolan, J.; and Bird, P. E., 1977, J. Austral. Entom. Soc., v. 16 (3), 252
Boophilus microplus, organophosphorus-resistant strains, effective control of ticks with addition of small quantities of synthetic pyrethroids to organophosphorus acaricides; coefficients of co-toxicity

Petrolatum
Orkin, M.; Epstein, E.; and Maibach, H. I., 1976, J. Am. Med. Ass., v. 236 (10), 1136-1139
extensive review of treatment and control of human scabies and pediculosis

Pfizertox. See Toxaphene.

Pfizona. See Chlorfenvinphos.

Phanquinone. See Phanquone.

Phanquone -- Entobex; Phanquinone; Quinone phenanthroline.

Phanquinone (Entobex)
Cavier, R.; and Cenac, J., 1976, Ann. Pharm. Franc., v. 34 (3-4), 139-142
Entamoeba histolytica, in vitro and in vivo trials with infected rats testing efficacy of substituted 2-nitro benzofurans; trimethyl-3,5,6-nitro-2-benzofuran shows promising activity in comparison to results using diphetarsone or phanquinone

Entobex (Quinone phenanthroline)
Pietrushka, D.; et al., 1974, J. Protozool., v. 21 (3), 465 [Abstract]
Isospora belli causing severe coccidiosis in a 51-year-old woman, partial remission with relapse obtained with Entobex, radical cure with Septrin: Israel

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Phenamidine -- Di-(p-amidinophenyl) ether; Phenamidine isethionate.

Phenamidine
Hanson, W. L.; Chapman, W. L., jr.; and Kinnamon, K. E., 1977, Internat. J. Parasitol., v. 7 (6), 443-447
Leishmania donovani in Mesocricetus auratus model, existing procedure modified to make possible screening of 10-15 selected compounds per week for antileishmanial activity, glucantime used as reference compound

Phenamidine
McHardy, N.; Haigh, A. J. B.; and Dolan, T. T., 1976, Nature, London (5562), v. 261, 698-699
Theileria parva, drug screening in vitro, only Menoctone showed appreciable activity, subsequent tests in cattle artificially infected with ECF confirmed activity of Menoctone against the disease, mode of action not clear but seems to act against schizont or earlier stages and probably along a widely occurring biochemical pathway

Phenamidine isethionate
Naude, T. W.; Basson, P. A.; and Pienaar, J. G., 1970, Onderstepoort J. Vet. Research, v. 37 (3), 173-184
disorders associated with repeated therapeutic and higher dosages of commonly used babecides in dogs and cattle

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Phenamidine isethionate. See Phenamidine.

9-Phenanthrenemethanols, methylthio- and methylsulfonyl-substituted
Markovac, A.; and LaMontagne, M. P., 1976, J. Med. Chem., v. 19 (7), 978-982
curative therapeutic action of 6 compounds of methylthio- and methylsulfonyl-substituted 9-phenanthrenemethanols against Plasmodium berghei in mice

Phenobarbital (Luminal)
Heischkeil, R., 1973, Ztschr. Tropenmed. u. Parasitol., v. 24 (4), 505-516
Plasmodium vinckei, chemotherapeutic activity of selected antagonists of folic acid metabolism with special reference to structure-activity relationships, comparison with some standard antimalarials; some compounds also exert noxious effect on host

Phenol -- Carbolic acid.

Carbolic acid
Agrawal, M. C.; and Dutt, S. C., 1977, Indian Vet. J., v. 54 (1), 77-79
Stephanofilaria zaheeri, buffaloes, in vitro and in vivo drug trials, high efficacy with malathion: Jabalpur

Carbolic acid
Motomura, I., 1967, Nettai Igaku (Trop. Med.), v. 9 (4), 226-243
Toxoplasma gondii, cysts and proliferative forms, in vitro survival in different concentrations of disinfectants or on incubation with digestive enzymes or bovine bile

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Phenol derivatives
Meister, A.; Tschaepe, M.; and Schroetter, E., 1977, Pharmazie, v. 32 (3), 174-177
human ascariasis, structure-activity relationships of phenol derivatives, possible ovicides

Phenol derivatives
Schroetter, E.; Tschaepe, M.; and Meister, A., 1977, Pharmazie, v. 32 (3), 171-174
human ascariasis, synthesis of phenol derivatives for possible ovicidal effects

Phenothiazine -- Depifen (with Piperazine and Yomesan); Dyrex T.F. (with Piperazine and Trichlorfon); Equinan (with Carbon disulphide and Piperazine); Fen-arsenate (with Lead arsenate); Fenotiazin; Parvex Plus (with Carbon disulphide and Piperazine); Phenothiazine salt; Phenovis; Thiodiphenylamine.

Phenothiazine (Phenovis)
Abdel-Rahman, M. S.; et al., 1972, Parasitol. Hungar., v. 5, 225-237
Strongylus spp., Trichonema spp., Parascaris equorum, Trichostrongylus axei in horses, field trials testing efficacy of various anthelmintics; phenothiazine, banminth and thiabendazole most effective: Egypt

Phenothiazine
Barker, R. W.; and Butler, J. F., 1977, J. Georgia Entom. Soc., v. 12 (4), 342-346
methoprene and phenothiazine mineral blocks provided free of choice to cattle, inhibited development of Haematobia irritans in manure, field evaluation

Phenothiazine + Trichlorfon + Piperazine
Bello, T. R.; Gaunt, S. D.; and Torbert, B. J., 1977, J. Equine Med. and Surg., v. 1 (4), 126-130
Gasterophilus intestinalis, G. nasalis, horses, artificial hatching of bot eggs with warm water as environmental prophylaxis, critical evaluation, seasonal patterns of oviposition; trichlorfon + piperazine + phenothiazine, good results

Phenothiazine
Berenguer Puvia, F. J.; and Gallego Berenguer, J., 1973, Rev. Iber. Parasitol., v. 33 (1), 81-106
Aspiculuris tetraptera, Syphacia obvelata, Nippostrongylus brasiliensis, mice, piperazine and phenothiazine compared with 4 phenothiazine-piperazine derivatives; piperazine: good activity, phenothiazine: low activity against N. brasiliensis, low toxicity of both; derivatives: more toxic, no anthelmintic activity

Phenothiazine
Berenguer Puvia, F. J.; and Gallego Berenguer, J., 1973, Rev. Iber. Parasitol., v. 33 (4), 573-598
Aspiculuris tetraptera, Syphacia obvelata, natural infections in mice, treatment with phenothiazine, piperazine hydrate, piperazine anhydrate; at various doses, calculation of elimination index and statistical analysis

Phenothiazine -- Continued.

Phenothiazine
Buck, W. B.; Osweiler, G. D.; and Van Gelder, G. A., 1976, Clinical and diagnostic veterinary toxicology, 2. ed., 380 pp., illus.
phenothiazine, toxicity, mode of action

Phenothiazine
Dent, G. C., 1972, J. South African Vet. Ass., v. 43 (2), 193-195
phenothiazine and thiabendazole, sheep, recommended treatment procedures under conditions of Eastern Cape and Eastern Orange Free State

Phenothiazine + Piperazine + Trichlorfon (=Dyrex T.F.)
Drudge, J. H.; Lyons, E. T.; and Tolliver, S. C., 1975, Am. J. Vet. Research, v. 36 (3), 251-253
Gasterophilus intestinalis, G. nasalis, oral stages in horses and ponies (nat. and exper.), activity of several organophosphorus compounds in various formulations and levamisole-piperazine mixture

Phenothiazine ointment
Dutta, P. K.; and Hazarika, R. N., 1976, Indian Vet. J., v. 53 (3), 221-224
Stephanofilaria assamensis, cattle, chemotherapeutic trials, comparative efficacy of various drugs: Khanapara

Phenothiazine + Piperazine + Yomesan (=Depifen)
Fijan, N.; et al., 1976, Vet. Arhiv, Zagreb, v. 46 (9-10), 245-252
Bothriocephalus gowkongensis, carp, efficacy of yomesan, scolaban, depifen, and tobacco dust: SR Croatia

Phenothiazine
Gibson, T. E.; and Parfitt, J. W., 1976, J. Comp. Path., v. 86 (4), 547-555
Ostertagia circumcincta, sheep, phenothiazine and thiabendazole treatment, no influence on host resistance, slight effect on weight gain

Phenothiazine
Gonzalez, H.; and Plaza, J., 1968, Bol. Chileno Parasitol., v. 23 (3-4), 134-137
gastrointestinal nematodes of sheep, comparative therapeutic trials using banminth, phenothiazine, and thiabendazole

Phenothiazine
Guyton, C. L.; Missaghi, E.; and Marshall, P. M., 1976, Am. J. Vet. Research, v. 37 (11), 1287-1289
^{14}C-labeled phenothiazine, cattle, metabolism balance study

Phenothiazine
Herlich, H., 1976, Vet. Parasitol., v. 2 (4), 377-383
Trichostrongylus axei, T. colubriformis, rabbits, efficacy of 8 anthelmintics at dose rates known to be effective in ruminants, evaluation of this system as preliminary screen for testing potential anthelmintics

Phenothiazine -- Continued.

Phenothiazine (Fenotiazin)
Hollo, F., 1971, Parasitol. Hungar., v. 4, 104-114
trichostrongyloidiasis in sheep causing gastro-enteritis, comparative trials of various anthelmintics showed tetramisole to be treatment of choice

Phenothiazine
Kovalenko, I. I.; and Sakachina, V. I., 1976, Veterinariia, Kiev (43), 86-88
ascariasis and heterakiasis, chickens, mixed infection; furidine, furidine + phenothiazine, and piperazine + phenothiazine, good results; phenothiazine or furidine alone, poor results

Phenothiazine
Leland, S. E., jr.; et al., 1975, Am. J. Vet. Research, v. 36 (4), Part 1, 449-456
Cooperia punctata, in vitro-grown parasitic stages, evaluation of 28 anthelmintics using presumptive and confirmatory tests, comparison of in vitro potency with established in vivo activity against Cooperia and various other parasites, potential usefulness as preliminary screening method

Phenothiazine + Lead arsenate
Leland, S. E., jr.; et al., 1975, Am. J. Vet. Research, v. 36 (4), Part 1, 449-456
Cooperia punctata, in vitro-grown parasitic stages, evaluation of 28 anthelmintics using presumptive and confirmatory tests, comparison of in vitro potency with established in vivo activity against Cooperia and various other parasites, potential usefulness as preliminary screening method

Phenothiazine + Piperazine adipate
Malik, P. D.; and Gupta, R. P., 1975, Haryana Agric. Univ. J. Research, v. 5 (1), 58-65
gastrointestinal nematodes, Dictyocaulus filaria, sheep, drug efficacy: University Farm, Hissar

Phenothiazine (Phenovis)
Rao, V. N.; and Rao, K. N. P., 1977, Livestock Advis., v. 2 (8), 13-15
toxicity of some anthelmintics (carbon tetrachloride, phenothiazine, hexachloroethane, piperazine), preventive measures

Phenothiazine + Banocide
Sen, S.; and Das, D. K., 1976, Indian J. Animal Health, v. 15 (1), 83
humpsore, cattle, florocide treatment compared with phenothiazine-banocide ointment

Phenothiazine + Piperazine-Carbon disulphide (=Parvex Plus; Equinan)
Slocombe, J. O. D.; and Cote, J. F., 1977, Canad. Vet. J., v. 18 (8), 212-217
small strongyles, horses, cross resistance to cambendazole, thiabendazole, and mebendazole, susceptibility to non-benzimidazole compounds

Phenothiazine -- Continued.

Phenothiazine + Piperazine + Trichlorfon (=Dyrex T.F.)
Slocombe, J. O. D.; and Cote, J. F., 1977, Canad. Vet. J., v. 18 (8), 212-217
small strongyles, horses, cross resistance to cambendazole, thiabendazole, and mebendazole, susceptibility to non-benzimidazole compounds

Phenothiazine salt + Copper sulfate
Smychkov, A. S., 1976, Sborn. Nauch. Rabot. SibNIVI, Sibirsk. Nauchno-Issled. Vet. Inst. (26), 129-134
Moniezia expansa, M. benedeni, Thysaniezia giardi, pastured sheep, long-term treatment with a mixture of copper sulfate-phenothiazine salt, influence of host age and seasonal distribution on incidence and intensity of infection

Phenothiazine
Stoimenov, K., 1975, Vet. Med. Nauki, v. 12 (1), 45-53
Heterakis gallinarum, chickens (exper.), recuperation processes after treatment with phenothiazine, early treatment most beneficial

Phenothiazine + Lead arsenate (= Fen-arsenate)
Tongson, M. S.; and Montenegro, M. M., 1975, Philippine J. Vet. Med., v. 13 (1-2), 170-182
purified microfine phenothiazine + lead arsenate, anthelmintic efficiency, good results, goats: Philippines

Phenovis
Varshney, T. R.; and Singh, Y. P., 1976, Indian Vet. J., v. 53 (9), 672-676
Haemonchus contortus, trichostrongyles, Trichuris, lambs, critical trial, efficacy and economic value, various anthelmintics: Central Sheep and Wool Research Station, Pashulok Rishikesh (Dehradun)

Phenothiazine
Varshney, T. R.; and Singh, Y. P., 1977, Indian J. Animal Sc., v. 46 (12), 666-668
Haemonchus contortus, sheep, resistance to phenothiazine and thiabendazole, critical and controlled conditions: Pashulok (Dehra Dun)

N-(10-Phenothiazine-carbonyl)-piperazine
Berenguer Puvia, F. J.; and Gallego Berenguer, J., 1973, Rev. Iber. Parasitol., v. 33 (1), 81-106
Aspiculuris tetraptera, Syphacia obvelata, Nippostrongylus brasiliensis, mice, piperazine and phenothiazine compared with 4 phenothiazine-piperazine derivatives; piperazine: good activity, phenothiazine: low activity against N. brasiliensis, low toxicity of both; derivatives: more toxic, no anthelmintic activity

Phenothiazine-1-carboxylic acid
Berenguer Puvia, F. J.; and Gallego Berenguer, J., 1973, Rev. Iber. Parasitol., v. 33 (1), 81-106
Aspiculuris tetraptera, Syphacia obvelata, Nippostrongylus brasiliensis, mice, piperazine and phenothiazine compared with 4 phenothiazine-piperazine derivatives; piperazine: good activity, phenothiazine: low activity against N. brasiliensis, low toxicity of both; derivatives: more toxic, no anthelmintic activity

Phenothiazine salt. See Phenothiazine.

Phenovis. See Phenothiazine.

Phenthoate
Rawlins, S. C.; and Mansingh, A., 1977, PANS, v. 23 (2), 137-142
Boophilus microplus, Jamaican strain, susceptibility to 35 acaricides, carbamates more effective than organophosphates or formamidines, chlorinated hydrocarbons least effective, comparison of resistance pattern with susceptible and resistant Australian strains

1'-Phenyl-4'-aza-cycloheptan-(spiro-5)-hydantoin
Heischkeil, R., 1973, Ztschr. Tropenmed. u. Parasitol., v. 24 (4), 505-516
Plasmodium vinckei, chemotherapeutic activity of selected antagonists of folic acid metabolism with special reference to structure-activity relationships, comparison with some standard antimalarials; some compounds also exert noxious effect on host

Phenylbutazone
Ruiz-Maldonado, R.; Tamayo, L.; and Dominguez, J., 1977, Arch. Dermat., Chicago, v. 113 (12), 1733 [Letter]
Sarcoptes scabiei var canis causing severe Norwegian type scabies in young girl, family dogs also infested and healthy dog (exper.) sucessfully infested with mites from the girl, clinical case report, successfully treated with phenylbutazone after unsuccessful therapy with benzyl benzoate: Mexico

1'-Phenyl-cycloheptan-(spiro-5)-hydantoin
Heischkeil, R., 1973, Ztschr. Tropenmed. u. Parasitol., v. 24 (4), 505-516
Plasmodium vinckei, chemotherapeutic activity of selected antagonists of folic acid metabolism with special reference to structure-activity relationships, comparison with some standard antimalarials; some compounds also exert noxious effect on host

Phenyldiazo-benzyl-hydantoin
Heischkeil, R., 1973, Ztschr. Tropenmed. u. Parasitol., v. 24 (4), 505-516
Plasmodium vinckei, chemotherapeutic activity of selected antagonists of folic acid metabolism with special reference to structure-activity relationships, comparison with some standard antimalarials; some compounds also exert noxious effect on host

Phenylene di-iso-thiocyanate(1,4). See Bitoscanate.

Phenyl-ethyl-N-methyl-hydantoin. See Mephenytoin.

Phenylglyoxylonitrile oxime 0,0-diethyl phosphorothioate. See Phoxim.

Phenyl-hydantoin
  Heischkeil, R., 1973, Ztschr. Tropenmed. u. Parasitol., v. 24 (4), 505-516
    Plasmodium vinckei, chemotherapeutic activity of selected antagonists of folic acid metabolism with special reference to structure-activity relationships, comparison with some standard antimalarials; some compounds also exert noxious effect on host

Phenylhydrazones, substituted
  Schroetter, E.; and Hoegel, E., 1972, Pharmazie, v. 27 (2), 93-94
    Ascaris suum, in vitro testing of substituted phenylhydrazones as possible anthelmintics

3-Phenylisoxazoles
  Carr, J. B.; Durham, H. G.; and Hass, D. K., 1977, J. Med. Chem., v. 20 (7), 934-939
    activity of isoxazole anthelmintics against Nippostrongylus braziliensis in rats, laboratory screening of selected compounds

L-(-)-6-Phenyl-2,3,5,6-tetrahydroimidazo[2,1-b] thiazole hydrochloride. See Tetramisole.

5-(Phenylthio)-2-benzimidazole carbamic acid methyl ester. See Fenbendazole.

Phenytoin -- Diphenyl-hydantoin; Zentropil.

Phenytoin (Zentropil)
  Heischkeil, R., 1973, Ztschr. Tropenmed. u. Parasitol., v. 24 (4), 505-516
    Plasmodium vinckei, chemotherapeutic activity of selected antagonists of folic acid metabolism with special reference to structure-activity relationships, comparison with some standard antimalarials; some compounds also exert noxious effect on host

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Phosalone
  Roulston, W. J.; et al., 1977, Austral. J. Agric. Research, v. 28 (2), 345-354
    Boophilus microplus, characterization of three strains of organophosphorus-resistant cattle ticks, resistance to organophosphorus and carbamate acaricides: Bajool, Tully, and Ingham, northern Queensland

Phosfolan
  Rawlins, S. C.; and Mansingh, A., 1977, PANS, v. 23 (2), 137-142
    Boophilus microplus, Jamaican strain, susceptibility to 35 acaricides, carbamates more effective than organophosphates or formamidines, chlorinated hydrocarbons least effective, comparison of resistance pattern with susceptible and resistant Australian strains

Phosmet -- Imidan; Prolate.

Phosmet (Imidan)
  Drummond, R. O.; et al., 1976, J. Econom. Entom., v. 69 (1), 37-40
    Boophilus annulatus, B. microplus, acaricides, laboratory tests, spray and dip tests with cattle

Phosmet
  Drummond, R. O.; et al., 1977, J. Econom. Entom., v. 70 (2), 176-178
    Hypoderma lineatum, cattle, efficacy of 5 animal systemic insecticides, log-probit analysis, good results; methoprene in drinking water did not prevent larvae from encapsulating in backs of cattle, but prevented adults from emerging from pupae: Texas

Imidan (Prolate)
  Laemmler, G.; and Gruener, D., 1975, Tropenmed. u. Parasitol., v. 26 (3), 359-369
    Litomosoides carinii in Mastomys natalensis (exper.), 12 organophosphorus compounds tested for efficacy against micro- and macrofilarial infections

Phosmet
  Matthewson, M. D.; Wilson, R. G.; and Hammant, C. A., 1976, Bull. Entom. Research, v. 66 (4), 553-560
    Boophilus decoloratus, resistance of 8 strains to organophosphorus and carbamate ixodicides, comparison with Berlin strain of B. decoloratus and Biarra strain of B. microplus: Rhodesia

Phosmet
  Roulston, W. J.; et al., 1977, Austral. J. Agric. Research, v. 28 (2), 345-354
    Boophilus microplus, characterization of three strains of organophosphorus-resistant cattle ticks, resistance to organophosphorus and carbamate acaricides: Bajool, Tully, and Ingham, northern Queensland

Phosmet (Prolate)
  Viljoen, J. H., 1976, J. South African Vet. Ass., v. 47 (3), 161-169
    Parafilaria bovicola, calves, prepatent period, clinical aspects, filaricidal effects of 9 compounds; levamisole hydrochloride and fenbendazole reasonably effective: vicinity of Onderstepoort

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Phosphamidon
  Rawlins, S. C.; and Mansingh, A., 1977, PANS, v. 23 (2), 137-142
    Boophilus microplus, Jamaican strain, susceptibility to 35 acaricides, carbamates more effective than organophosphates or formamidines, chlorinated hydrocarbons least effective, comparison of resistance pattern with susceptible and resistant Australian strains

Phosphorothioic acid, O-[2,5-dichloro-4-(methylthio) phenyl] O,O-diethyl ester (CELA S-2957)
  Drummond, R. O.; et al., 1976, J. Econom. Entom., v. 69 (1), 37-40
    Boophilus annulatus, B. microplus, acaricides, laboratory tests, spray and dip tests with cattle

Phosphorothioic acid 0,0-dimethyl-0-[4-(methylthio)-m-tolyl] ester. See Fenthion.

Phoxim -- Phenylglyoxylonitrile oxime 0,0-diethyl phosphorothioate.

Phoxim
Miller, B. E.; et al., 1975, J. Med. Entom., v. 12 (4), 425-430
Polygenis gwyni, infected Sigmodon hispidus berlandieri, bait with oral systemic insecticide, phoxim, field conditions, effective control; some unmeasured control of natural mite infections; advantages for control of fleas in active plague foci

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Phthalofyne
Howes, H. L., jr., 1972, Proc. Soc. Exper. Biol. and Med., v. 139 (2), 394-398
Trichuris muris and other helminths, dogs, mice (both exper.), CP-14,445 hydrochloride and pamoate compared with activity of known anthelmintics; dosage response data indicate that T. muris-mouse infection could be test model for antiwhipworm studies

Phthalophos -- 0,0-Diethyl-0-naphthaloximide phosphate; N-Hydroxynaphthalimide diethyl phosphate; Maretin; Naftalofos; Naphthalophos; Rametine.

Naphthalophos
Douch, P. G. C.; and Gahagan, H. M., 1977, Xenobiotica, v. 7 (5), 301-307
Moniezia expansa, Ascaris lumbricoides var suum, reduction and/or hydrolysis of niclosamide and related compounds by intact helminths and by enzyme preparations from the helminths and from mouse and sheep liver homogenates, reduction of niclosamide inhibited by allopurinol, indicates that coadministration of niclosamide and allopurinol might improve efficacy of anthelmintic, hydrolysis of benzanilide and related compounds inhibited by anthelmintic organophosphates

Naphthalophos
Douch, P. G. C.; and Gahagan, H. M., 1977, Xenobiotica, v. 7 (5), 309-314
Ascaris lumbricoides var suum, N-deacetylase, localization and some properties, inhibition by anthelmintic organophosphates indicates they have potential use as adjuvants for anthelmintics of other chemical classes

Phthalophos
Il'iashchenko, V. I., 1973, Vestnik Sel'skokhoz. Nauki Kazakhstana (11), 119-121
Psoroptes cuniculi, aerosol foam tested in vitro, weakly active, not tested in vivo

Naphthalophos (Maretin)
Laemmler, G.; and Gruener, D., 1975, Tropenmed. u. Parasitol., v. 26 (3), 359-369
Litomosoides carinii in Mastomys natalensis (exper.), 12 organophosphorus compounds tested for efficacy against micro- and macrofilarial infections

Phthalophos -- Continued.

Naphthalophos (Maretin)
Leland, S. E., jr.; et al., 1975, Am. J. Vet. Research, v. 36 (4), Part 1, 449-456
Cooperia punctata, in vitro-grown parasitic stages, evaluation of 28 anthelmintics using presumptive and confirmatory tests, comparison of in vitro potency with established in vivo activity against Cooperia and various other parasites, potential usefulness as preliminary screening method

Rametine
Suryanarayana, C.; and Rao, P. L. N., 1976, Food Farm. and Agric., v. 8 (5), 13-16
Schistosoma nasale in cattle and buffaloes (nasal mucosa), rametine (poor results), emetine hydrochloride (poor results), potassium antimony tartrate (good results), potassium antimony tartrate + stilboestrol (less effective than potassium antimony tartrate alone in cattle, better results in buffaloes): Tirupati, India

Rametin
Varshney, T. R.; and Singh, Y. P., 1976, Indian Vet. J., v. 53 (9), 672-676
Haemonchus contortus, trichostrongyles, Trichuris, lambs, critical trial, efficacy and economic value, various anthelmintics: Central Sheep and Wool Research Station, Pashulok Rishikesh (Dehradun)

Naftalofos boluses (Maretin)
Zeakes, S. J.; et al., 1976, Am. J. Vet. Research, v. 37 (6), 709-710
cattle nematodes, efficacy of coumaphos crumbles and naftalofos boluses

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Physostigmine -- Eserine salicylate; Physostigmine salicylate.

Eserine salicylate (Physostigmine salicylate)
Gear, N. R., 1976, Comp. Biochem. and Physiol., v. 55 (1C), 5-10
4 Schistosoma spp., response to various acetylcholinesterase and cholinesterase inhibitors on hydrolysis of acetylcholine by parasite extracts

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Physostigmine salicylate. See Physostigmine.

Picadex. See Carbon disulfide or Piperazine.

PIGO (Peroxidase, iodide, glucose, type-II oxidase and oxygen)
Avila, J. L.; et al., 1976, Biochem. Soc. Tr., v. 4 (4), 680-681 [Abstract]
Trypanosoma cruzi, Leishmania braziliensis, mice, infectivity loss after in vitro exposure to polyenzymic 'PIGO' (peroxidase, iodide, glucose, type-II oxidase and oxygen)

Pilocarpine
Bigg, D. C. H.; and Purvis, S. R., 1976, Nature, London (5565), v. 262, 220-222
8 muscarinic agonists (compared with nicotine and pyrimithate), activity against Boophilus microplus, possible new class of acaricide

Pimaricin
Basile, F., 1970, Minerva Ginec., v. 22 (11), 584-587
Trichomonas vaginalis, human vulvo-vaginitis associated with moniliasis, pimaricin suppositories and topical cream more effective than suppositories alone

Pimaricin
Bianchi, F., 1971, Minerva Ginec., v. 23 (10), 489-492
human Trichomonas vaginalis vaginitis, successful treatment with pimaricin

Pimaricin
Lee, J. C., 1972, Nettai Igaku (Trop. Med.), v. 14 (2), 97-110
Trichomonas vaginalis, in vitro growth inhibiting effects of 8 antitrichomonal drugs; therapeutic effects of trichomycin, piperanitrozole, metronidazole and nimorazole against abscess formation in mice (exper.)

Piperanitrozole
Lee, J. C., 1972, Nettai Igaku (Trop. Med.), v. 14 (2), 97-110
Trichomonas vaginalis, in vitro growth inhibiting effects of 8 antitrichomonal drugs; therapeutic effects of trichomycin, piperanitrozole, metronidazole and nimorazole against abscess formation in mice (exper.)

Piperazine -- Antepar; Bexin; CI-578 (with Pyrvinium pamoate); Depifen (with Phenothiazine and Yomesan); Dyrex T.F. (with Phenothiazine and Trichlorfon); Equinan (with Carbon disulphide and Phenothiazine); Equizole A (with Thiabendazole); FI 6518 (with Aminosidine and Diacetyldioxyphenylisatin); Helmirazin; Nemafax P wormer pellets (with Thiophanate); Nematorazine; Parvex (with Carbon disulfide); Parvex Plus (with carbon disulphide and Phenothiazine); Picadex (with Carbon disulfide); Piperazine adipate; Piperazine carbodithioic acid (with Carbon disulfide); Piperazine citrate; Piperazine dihydrochloride; Piperazine hexahydrate; Piperazine hydrate; Piperazine malate; Piperazine phosphate; Piperazine salt; Piperazine sulfate; Piperol forte; Piprelix; Ripercol L-Piperazine (with Levamisole hydrochloride); Suiverm (with Thiabendazole); Thiprazole (with Carbon disulfide or Thiabendazole); Thiprazole weaner wormer (with Carbon disulfide or Thiabendazole); Vanpar (with Pyrvinium pamoate).

Piperazine (Antepar)
Arfaa, F.; et al., 1977, Am. J. Trop. Med. and Hyg., v. 26 (2), 230-233
Ascaris, Trichostrongylus spp., Ancylostoma duodenale, evaluation of different methods of control of soil transmitted helminths (sanitation measures, mass-therapy, combined mass-therapy and sanitation) in villagers of Khuzestan, southwest Iran

Piperazine -- Continued.

Picadex + Thiabendazole (= Thiprazole weaner wormer)
Baines, D. M.; Dalton, S. E.; and Eichler, D. A., 1976, Vet. Rec., v. 99 (7), 119-122
swine nematodes, field and exper. studies, thiophanate alone or with piperazine, compared with thiabendazole alone or with picadex

Piperazine phosphate + Thiophanate (= Nemafax P wormer pellets)
Baines, D. M.; Dalton, S. E.; and Eichler, D. A., 1976, Vet. Rec., v. 99 (7), 119-122
swine nematodes, field and exper. studies, thiophanate alone or with piperazine, compared with thiabendazole alone or with picadex

Piperazine phosphate (Antepar)
Bell, W. J.; and Nassif, S., 1971, Am. J. Trop. Med. and Hyg., v. 20 (4), 584-588
clinical trials comparing the efficacy of pyrantel pamoate and piperazine phosphate in the treatment of human Ascaris lumbricoides infections: Egypt

Piperazine + Phenothiazine + Trichlorfon
Bello, T. R.; Gaunt, S. D.; and Torbert, B. J., 1977, J. Equine Med. and Surg., v. 1 (4), 126-130
Gasterophilus intestinalis, G. nasalis, horses, artificial hatching of bot eggs with warm water as environmental prophylaxis, critical evaluation, seasonal patterns of oviposition; trichlorfon + piperazine + phenothiazine, good results

Piperazine
Berenguer Puvia, F. J.; and Gallego Berenguer, J., 1973, Rev. Iber. Parasitol., v. 33 (1), 81-106
Aspiculuris tetraptera, Syphacia obvelata, Nippostrongylus brasiliensis, mice, piperazine and phenothiazine compared with 4 phenothiazine-piperazine derivatives; piperazine: good activity, phenothiazine: low activity against N. brasiliensis, low toxicity of both; derivatives: more toxic, no anthelmintic activity

Piperazine
Berenguer Puvia, F. J.; and Gallego Berenguer, J., 1973, Rev. Iber. Parasitol., v. 33 (4), 573-598
Aspiculuris tetraptera, Syphacia obvelata, natural infections in mice, treatment with phenothiazine, piperazine hydrate, piperazine anhydrate; at various doses, calculation of elimination index and statistical analysis

Piperazine
Biagi, F., 1975, Progr. Drug Research, v. 19 23-27
human hookworm and trichuriasis successfully treated with bitoscanate in clinical trials; mixed results when used to treat ascariasis in comparison trials with dithiazanine and piperazine

Piperazine -- Continued.

Piperazine citrate
Bomb, B. S.; and Bedi, H. K., 1976, Tr. Roy. Soc. Trop. Med. and Hyg., v. 70 (4), 358 [Letter]
ascariasis, 12-year-old girl treated with piperazine citrate at dosage recommended by manufacturer, neurotoxic side effects

Helmirazin
Bos, P., 1967, Ceskoslov. Pediat., v. 22 (9), 857-858
Oxyuris vermicularis, drug reaction and coma in child taking behavior modification drugs and then treated for oxyuriasis with helmirazin, clinical case report: Czechoslovakia

Piperazine + Pyrvinium pamoate (= CI-578)
Botero, D.; Orozco, H. I.; and Perez, A., 1966, Bol. Chileno Parasitol., v. 21 (4), 111-114
Ascaris lumbricoides and Enterobius vermicularis in children, evaluation of combination syrup containing piperazine and pyrvinium in treatment of infections

Piperazine citrate (Piprelix)
Butler, J. B. M., 1968, Med. J. Australia, v. 1 (16), 676
case report of severe allergic reaction, woman receiving prophylactic dose of piperazine for possible helminthic infections

Piperazine phosphate (Antepar)
Butler, J. B. M., 1968, Med. J. Australia, v. 1 (16), 676
case report of severe allergic reaction, woman receiving prophylactic dose of piperazine for possible helminthic infections

Piperazine
Chatterjee, P.; Basu, R. K.; and Sehgal, J. M., 1977, Indian J. Exper. Biol., v. 15 (8), 658-659
investigation of possible use of piperazine acetate or lactate as a substitute for piperazine citrate as anthelmintic

Piperazine
Chintanawongse, C.; et al., 1971, Southeast Asian J. Trop. Med. and Pub. Health, v. 2 (4), 581 [Demonstration]
Ascaris fertilized eggs recovered in exudate of thoracoparacenthesis performed on 4-year old girl with undiagnosed fever, upper gastrointestinal X-ray showed Ascaris worm shadows, 10 worms passed after piperazine therapy

Piperazine
Constanti, A.; and Nistri, A., 1976, Brit. J. Pharmacol., v. 57 (3), 347-358
quantitative comparative study of the effects of piperazine and γ-aminobutyric acid on lobster muscle fibers and frog spinal cord to determine whether piperazine has central neuronal depressant actions

Piperazine -- Continued.

Piperazine citrate (Antepar)
Denzler, T. B.; and Gunning, J.-J., 1976, Arch. Int. Med., Chicago, v. 136 (9), 1044-1045
recently immigrated Vietnamese refugee with acute abdominal symptoms resulting from intestinal infection with Ascaris lumbricoides, radiologic diagnosis and piperazine treatment, case report: California

Piperazine (Nematorazine)
Diop, B.; and Bao, O., 1974, Medecine Afrique Noire, v. 21 (1), 31-40
human intestinal helminths, clinical indications for treatment, suggested dosage, efficacy, tolerances, possible toxicities

Piperazine
Dorchies, P.; and Amalric, M., 1977, Rev. Med. Vet., Toulouse, v. 128 (1), 7-24,
gastrointestinal helminths, gastrophilosis, horses, anthelmintics, drug efficacy, review

Piperazine + Trichlorfon + Phenothiazine (=Dyrex T.F.)
Drudge, J. H.; Lyons, E. T.; and Tolliver, S. C., 1975, Am. J. Vet. Research, v. 36 (3), 251-253
Gasterophilus intestinalis, G. nasalis, oral stages in horses and ponies (nat. and exper.), activity of several organophosphorus compounds in various formulations and levamisole-piperazine mixture

Piperazine dihydrochloride + Levamisole
Drudge, J. H.; Lyons, E. T.; and Tolliver, S. C., 1975, Am. J. Vet. Research, v. 36 (3), 251-253
Gasterophilus intestinalis, G. nasalis, oral stages in horses and ponies (nat. and exper.), activity of several organophosphorus compounds in various formulations and levamisole-piperazine mixture

Piperazine
Fabiyi, J. P., 1972, Bull. Epizoot. Dis. Africa, v. 20 (3), 229-234
survey of helminths of chickens, comparison of techniques of management (native extensive, deep-litter (intensive) and semi-intensive systems) on worm burden; suggested preventive measures and treatment with piperazine: Vom area, Benue-Plateau State, Nigeria

Piperazine
Farell-Sala, A.; Berenguer-Puvia, F. J.; and Gallego-Berenguer, J., 1974, Rev. Iber. Parasitol., v. 34 (3-4), 331-353
Aspiculuris tetraptera, Syphacia obvelata, mice, piperazine treatment, comparison of methods of measuring drug activity (deparasitization index and elimination index); relationships of dosage and activity, statistical analysis

Piperazine -- Continued.

Piperazine + Yomesan + Phenothiazine (=Depifen)
Fijan, N.; et al., 1976, Vet. Arhiv, Zagreb, v. 46 (9-10), 245-252
Bothriocephalus gowkongensis, carp, efficacy of yomesan, scolaban, depifen, and tobacco dust: SR Croatia

Piperazine adipate
Golebiowski, S.; and Barancewicz, S., 1976, Med. Wet., v. 32 (7), 424-426
influence of polfamix, polfasol and dehelminthization with piperazine adipate, fattening of pigs

Piperazine adipate
Grzywacz, M., 1975, Mater. Med. Pol. (25), v. 7 (4), 311-313
Ascaris lumbricoides var. suum, pharmacodynamic analysis of piperazine adipate penetration into parasite using scintigraphy and autoradiography

Piperazine citrate
Hartigan, P. J.; and McGilligan, C. A., 1976, Irish Vet. J., v. 30 (12), 188-189
piperazine citrate, severe neurotoxicity in pituitary dwarf cat being treated for worms

Piperazine citrate
Holt, P. E., 1976, Vet. Rec., v. 98 (19), 383
Toxocara canis, puppies, incidence of infection, piperazine citrate: Oldham, Lancashire

Piperazine
Ishizaki, T., 1974, Internat. Med. Found. Japan Reporting series (4), 65-81
human Ascaris lumbricoides, epidemiologic and historical review, nightsoil control measures, comparison of anthelmintics in current use: Japan

Piperazine malate (Bexin)
Ishizaki, T., 1974, Internat. Med. Found. Japan. Reporting series (4), 65-81
human Ascaris lumbricoides, epidemiologic and historical review, nightsoil control measures, comparison of anthelmintics in current use: Japan

Piperazine
Ismail, D.; et al., 1976, Paediat. Indonesiana, v. 16 (9-10), 391-395
ascariasis in children, pyrantel pamoate more effective than either tetramisole or piperazine as therapy but all drugs reduced egg counts in feces by 80%: Indonesia

Piperazine hexahydrate + Pyrvinium pamoate (= Vanpar)
Joshi, V. S.; et al., 1975, Pediat. Clin. India, v. 10 (3), 171-173
children with ascariasis or enterobiasis, successful therapy with vanpar: Pune, India

Piperazine -- Continued.

Piperazine sulfate + Phenothiazine
Kovalenko, I. I.; and Sakachina, V. I., 1976, Veterinariia, Kiev (43), 86-88
ascariasis and heterakiasis, chickens, mixed infection; furidine, furidine + phenothiazine, and piperazine + phenothiazine, good results; phenothiazine or furidine alone, poor results

Piperazine
Kuster, G.; Oyarce, R.; and Boero, D., 1966, Bol. Chileno Parasitol., v. 21 (2), 48-50
Ascaris lumbricoides in human, case report of hepatic granuloma surrounding parasite eggs, discovered at surgery to correct biliary colic, piperazine therapy resulted in elimination of 3 adult worms: Chile

Piperazin citrat
Laemmler, G.; and Gruener, D., 1976, Berl. u. Munchen. Tierarztl. Wchnschr., v. 89 (11), 222-225; (12), 229-233
Capillaria hepatica in Mastomys natalensis, comparative activity of 24 anthelmintics, possible model screening system

Piperazine hexahydrate
Lal, Jawahar; et al., 1976, Indian J. Physiol. and Pharmacol., v. 20 (2), 64-68
Ascaridia galli, in vitro anthelmintic activity of 10 medicinal plants, comparison with piperazine hexahydrate

Piperazine-Carbon disulfide (Parvex)
Leland, S. E., jr.; et al., 1975, Am. J. Vet. Research, v. 36 (4), Part 1, 449-456
Cooperia punctata, in vitro-grown parasitic stages, evaluation of 28 anthelmintics using presumptive and confirmatory tests, comparison of in vitro potency with established in vivo activity against Cooperia and various other parasites, potential usefulness as preliminary screening method

Piperazine citrate (Antepar)
Lessig, P. M., 1973, Maternal and Child Health, v. 5 (11), 12-13
Enterobius vermicularis, diagnosis, control measures, eradication, humans

Piperazine
Lim, C., 1973, Singapore J. Primary Indust., v. 1 (2), 75-86
alimentary and respiratory tract parasites, pigs (feces), incidence in 3 age groups, intensity of infection, clinical findings, treatment
(Strongyloides; Metastrongylus; Trichuris; Coccidia; Spirurid[a sp.]; Oesophagostomum spp.; Balantidium; Ascaris; Gnathostoma): ten Singapore Veterinary Extension Centres

Piperazine -- Continued.

Piperazine[-Carbon disulfide] + Thiabendazole (= Thiprazole)
Lim, C., 1973, Singapore J. Primary Indust., v. 1 (2), 75-86
alimentary and respiratory tract parasites, pigs (feces), incidence in 3 age groups, intensity of infection, clinical findings, treatment
(Strongyloides; Metastrongylus; Trichuris; Coccidia; Spirurid[a sp.]; Oesophagostomum spp.; Balantidium; Ascaris; Gnathostoma): ten Singapore Veterinary Extension Centres

Piperazine (Piperol forte)
Loc-Chay, M., 1975, Provence Med., v. 43 (6-7), 11-16
Ascaris lumbricoides, humans, clinical trials comparing the efficacy of piperazine and santonine

Piperazine citrate
Long, P. L., 1977, Vet. Rec., v. 100 (16), 342
Ascaridia galli, chickens, incidence in earth floored broiler house, piperazine citrate, good results: Britain

Piperazine dihydrochloride or phosphate and Levamisole hydrochloride
Lyons, E. T.; Drudge, J. H.; and Tolliver, S. C., 1975, Proc. Helminth. Soc. Washington, v. 42 (2), 128-135
internal parasites of naturally infected horses, critical tests of levamisole alone or mixed with piperazine or trichlorfon, via stomach tube or in feed, varying rates of effectiveness, no toxicosis

Piperazine dihydrochloride + Levamisole hydrochloride (=Ripercol L-Piperazine)
Lyons, E. T.; Drudge, J. H.; and Tolliver, S. C., 1976, J. Parasitol., v. 62 (3), 453-459
Parascaris equorum, foals (nat. and exper.), development and location of migrating larvae at specific time intervals after infection, evaluation of possible chemotherapeutic activity of several anthelmintics against migrating and early enteric-stage larvae

Piperazine phosphate
McCall, J. P.; and McCullough, C., 1977, Southwest. Vet., v. 30 (2), 159-160
strongylids, Parascaris equorum, horses (feces), thiabendazole, piperazine phosphate, good results; failure to demonstrate acquired drug resistance

Piperazine
Maksimovic, A.; and Cvetkovic, L., 1976, Vet. Glasnik, v. 30 (6), 537-541
Oesophagostomum spp., use of piperazine and thiabendazole on sows before farrowing, prevention of infection in piglets by preventing post parturient egg rise in sows

Piperazine adipate + Phenothiazine
Malik, P. D.; and Gupta, R. P., 1975, Haryana Agric. Univ. J. Research, v. 5 (1), 58-65
gastrointestinal nematodes, Dictyocaulus filaria, sheep, drug efficacy: University Farm, Hissar

Piperazine -- Continued.

Piperazine
Muller, R., 1976, Pathophysiol. Parasit. Infect., 133-147
Dracunculus medinensis in rhesus monkeys, pathological processes associated with emergence of female worms, chemotherapy (some drugs had no effect on pre-emergent worms but markedly reduced host tissue reaction thus allowing easier extraction)

Piperazine adipate
Pandey, V. K.; Tripathy, S. B.; and Dey, P. C., 1977, Indian J. Animal Health, v. 16 (1), 91-92
Stephanurus dentatus, pigs (kidneys, bronchi), case history, pathology, post mortem examination, preventive measures and treatment with piperazine adipate and copper sulfate

Piperazine (Helmirazin)
Pavlicek, J.; and Dykova, I., 1976, Vet. Med., Praha, v. 49, v. 21 (6), 353-358
Ascaridia galli, chickens of different age groups, effectiveness of piperazine, tetramisole and metriphonate, metriphonate entirely ineffective; tissue reaction of host and number of worms as measures of effectiveness

Piperazine hexahydrate
Phillips, J. L.; Sturman, G.; and West, G. B., 1976, Brit. J. Pharmacol., v. 57 (3), 417-420
comparative study of the interaction between histamine and piperazine and histamine and bephenium in Ascaris suum

Piperazine
Rao, V. N.; and Rao, K. N. P., 1977, Livestock Advis., v. 2 (8), 13-15
toxicity of some anthelmintics (carbon tetrachloride, phenothiazine, hexachloroethane, piperazine), preventive measures

Piperazine adipate
Ricci, M.; and Federico, A., 1972, Riv. Parassitol., Roma, v. 33 (3), 209-218
A[scaris] lumbricoides, human, control, mass treatment with piperazine adipate: Comune di Parenti, Cosenza

Piperazine citrate
Rizzoli-Stalder, C.; et al., 1976, Schweiz. Arch. Tierh., v. 118 (8), 341-345
gastrointestinal parasites, horses, two groups maintained on similar pastures, only one group receiving regular anthelmintic treatment, quantitative and qualitative study of egg production from fecal specimens

Piperazine citrate
Robinson, M.; Hooke, F. G.; and Iverson, K. E., 1976, Austral. Vet. Practitioner, v. 6 (2), 104-108
pyrantel pamoate, critical trials against roundworms and hookworms in naturally and experimentally infected dogs, drug efficacy compared with piperazine citrate: Australia

Piperazine -- Continued.

Piperazine
Sasi, P. K.; and Kaleysaraj, R., 1975, Experientia, v. 31 (11), 1261-1262
Ascaris lumbricoides, incubation in medium containing sub-lethal concentrations of piperazine, decreased phospholipid level, partial stimulation of phospholipase C activity, partial inhibition of choline kinase activity

Piperazine salt
Scott, P., 1977, N. Zealand Vet. J., v. 25 (12), 373-378
detailed review of some modern equine anthelmintics, efficacy and safety

Piperazine citrate
Singhal, K. C., 1976, Indian J. Exper. Biol., v. 14 (3), 345-347
berberine hydrochloride, in vivo activity against Syphacia obvelata, Nippostrongylus brasiliense, and Hymenolepis nana, mice; elimination of S. obvelata only, drug considered equipotent to piperazine citrate

Piperazine-Carbon disulphide + Phenothiazine (=Parvex Plus; Equinan)
Slocombe, J. O. D.; and Cote, J. F., 1977, Canad. Vet. J., v. 18 (8), 212-217
small strongyles, horses, cross resistance to cambendazole, thiabendazole, and mebendazole, susceptibility to non-benzimidazole compounds

Piperazine + Thiabendazole (=Equizole A)
Slocombe, J. O. D.; and Cote, J. F., 1977, Canad. Vet. J., v. 18 (8), 212-217
small strongyles, horses, cross resistance to cambendazole, thiabendazole, and mebendazole, susceptibility to non-benzimidazole compounds

Piperazine + Trichlorfon + Phenothiazine (=Dyrex T.F.)
Slocombe, J. O. D.; and Cote, J. F., 1977, Canad. Vet. J., v. 18 (8), 212-217
small strongyles, horses, cross resistance to cambendazole, thiabendazole, and mebendazole, susceptibility to non-benzimidazole compounds

Piperazine adipate
Slocombe, J. O. D.; and Cote, J. F., 1977, Canad. Vet. J., v. 18 (8), 212-217
small strongyles, horses, cross resistance to cambendazole, thiabendazole, and mebendazole, susceptibility to non-benzimidazole compounds

Piperazine adipate
Stammers, B. M., 1975, Ztschr. Parasitenk., v. 47 (2), 145-150
Fasciola hepatica, disruption of spermatogenesis, known fasciolicides and other anthelmintics tested

Piperazine -- Continued.

Piperazine + Aminosidine + Diacetyldioxyphenylisatin (= FI 6518)
Tarabini Castellani, G., 1970, Minerva Gastroenterol., v. 16 (1), 45-49
human intestinal parasites, clinical trials using FI 6518 with and without thymol, acceptable drug for mass therapy: Somalia

Piperazine adipate + Thiabendazole (=Suiverm)
Tarczynski, S.; Romaniuk, K.; and Szelagiewicz-Czosnek, M., 1972, Med. Wet., v. 28 (4), 217-218
intestinal nematodes, swine, Suiverm

Piperazine
Thomas, J.; et al., 1971, Medecine Trop., v. 31 (2), 177-181
bephenium hydroxynaphthoate, piperazine and thiabendazole in comparative clinical tests, institutionalized children with protein deficiency

Suiverm
Trifonov, T.; and Velkov, D., 1975, Vet. Sbirka, v. 73 (11), 16-17
ascariasis, trichuriasis, oesophagostomiasis, pigs, dehelminthization with suiverm or hygromix in feed, economically effective

Piperazine (with Senna)
Vakil, B. J.; and Dalal, N. J., 1975, Progr. Drug Research, v. 19, 166-175
comparative efficacy of newer anthelmintics in treating various human intestinal helminths, review

Piperazine hydrate
Vanneste, J. A. L.; et al., 1975, Nederl. Tijdschr. Geneesk., v. 119 (48), 1899-1901
ascariasis, child treated with piperazine showed signs of neurologic toxicity: Netherlands

Piperazine citrate
Witteborg, K., 1976, Tierarztl. Umschau, v. 31 (2), 72-74
ascariasis, puppies of dogs of large breeds, pyrantel pamoate at two standard dosages, not successful, comparison with piperazine citrate, discussion of dosages

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Piperazine adipate. See Piperazine.

Piperazine carbodithioic acid. See Carbon disulfide or Piperazine.

Piperazine citrate. See Piperazine.

Piperazine dihydrochloride. See Piperazine.

Piperazine hexahydrate. See Piperazine.

Piperazine hydrate. See Piperazine.

Piperazine malate. See Piperazine.

Piperazine-phenothiazine-1-carboxylate
Berenguer Puvia, F. J.; and Gallego Berenguer, J., 1973, Rev. Iber. Parasitol., v. 33 (1), 81-106
Aspiculuris tetraptera, Syphacia obvelata, Nippostrongylus brasiliensis, mice, piperazine and phenothiazine compared with 4 phenothiazine-piperazine derivatives; piperazine: good activity, phenothiazine: low activity against N. brasiliensis, low toxicity of both; derivatives: more toxic, no anthelmintic activity

Piperazine phosphate. See Piperazine.

Piperazine salt. See Piperazine.

Piperazine sulfate. See Piperazine.

α-(2-Piperidyl)-3,6-bis (trifluoromethyl)-9-phenanthrene methanol -- 3,6-Bis(trifluoromethyl)-α-(2-piperidinyl)-9-phenanthrenemethanol HCl; 3,6-Bis(trifluoromethyl)-α-(2-piperidyl)-9-phananthrenemethanol; α-(2-Piperidyl)-3,6-bis (trifluoromethyl)-9-phenanthrene-methanol hydrochloride; 3,6-Trifluoromethyl-alpha-(2-piperidyl)-9-phenanthrenemethanol; WR 122,455; WR 122,455 HCl.

3,6-Trifluoromethyl-alpha-(2-piperidyl)-9-phenanthrenemethanol (WR 122,455)
Davies, E. E.; Warhurst, D. C.; and Peters, W., 1974, Tr. Roy. Soc. Trop. Med. and Hyg., v. 68 (1), 4-5 [Demonstration]
Plasmodium berghei, ultrastructural changes after treatment with quinine or WR 122,455

3,6-Bis(trifluoromethyl)-α-(2-piperidyl)-9-phenanthrenemethanol (WR 122,455)
Davies, E. E.; Warhurst, D. C; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 147-153
Plasmodium berghei berghei in mice, fine structural changes following treatment with quinine or WR 122,455, relationship of changes to drug mode of action

WR 122,455 HCl
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

WR 122,455 HCl
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

α-(2-Piperidyl)-3,6-bis (trifluoromethyl)-9-phenanthrene methanol -- Continued.

3,6-Bis(trifluoromethyl)-α-(2-piperidinyl)-9-phenanthrenemethanol HCl (WR 122,455)
Peters, W.; and Porter, M., 1976, Ann. Trop. Med. and Parasitol., v. 70 (3), 271-281
Plasmodium berghei, drug trials with mice comparing activity of WR 122,455 against drug resistant strains with activity of common antimalarials

WR 122,455 HCl
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

α-(2-Piperidyl)-3, 6-bis (trifluoromethyl)-9-phenanthrene methanol (WR 122,455)
Porter, M.; and Peters, W., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (1), 17 [Demonstration]
P[lasmodium] berghei berghei, two lines, development of resistance to WR 122,455, cross-resistance to quinine and possibly of one line also to chloroquine

3,6-Bis(trifluoromethyl)-α-(2-piperidinyl)-9-phenanthrenemethanol HCl (WR 122,455)
Porter, M.; and Peters, W., 1976, Ann. Trop. Med. and Parasitol., v. 70 (3), 259-270
Plasmodium berghei, drug-sensitive strains successfully suppressed by WR 122,455, laboratory trials in mice comparing action with that of chloroquine and quinine

α-(2-Piperidyl)-3,6-bis (trifluoromethyl)-9-phenanthrenemethanol hydrochloride (WR 122,455)
Rinehart, J.; Arnold, J.; and Canfield, C. J., 1976, Am. J. Trop. Med. and Hyg., v. 25 (6), 769-774
Plasmodium falciparum, human, WR 122,455, WR 171,669, oral tolerance, toxicity, antimalarial efficacy

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α-(2-Piperidyl)-3,6-bis (trifluoromethyl)-9-phenanthrenemethanol hydrochloride. See α-(2-Piperidyl)-3,6-bis (trifluoromethyl)-9-phenanthrene methanol.

α-(2-Piperidyl)-2,8-bis(trifluoromethyl)-4-quinolinemethanol. See Mefloquine.

α-(2-Piperidyl)-2,8-bis(trifluoromethyl)-4-quinolinemethanol hydrochloride. See Mefloquine.

DL-erythro-α-2-Piperidyl-2,8-bis(trifluoromethyl)-4-quinolinemethanol hydrochloride. See Mefloquine.

α-(2-Piperidyl)-2,6-di-(p-trifluoromethylphenyl)-4-pyridinemethanol (WR-154,904)
Rothe, W. E., 1976, Scient. Publication (317). Pan Am. Health Organ., 164-168
efficacies of potential antimalaria drugs (WR-142,490; WR-171,669; WR-172,435; WR-154,904; WR-180,409) using the owl monkey/Plasmodium falciparum model system

α-(2-Piperidyl)-2-(4-trifluoromethylphenyl)-6-trifluoromethyl-4-pyridinemethanol (WR-180,409)
Rothe, W. E., 1976, Scient. Publication (317). Pan Am. Health Organ., 164-168
efficacies of potential antimalaria drugs (WR-142,490; WR-171,669; WR-172,435; WR-154,904; WR-180,409) using the owl monkey/Plasmodium falciparum model system

Piperol forte. See Piperazine.

Piperonyl butoxide + Pyrethrins
Blume, R. R.; Matter, J. J.; and Eschle, J. L., 1973, J. Med. Entom., v. 10 (6), 596-598
Haematobia irritans, horses, laboratory evaluation of five insecticides, large-cage technique

Piperonyl butoxide
Schuntner, C. A.; Roulston, W. J.; and Wharton, R. H., 1974, Nature (5455), v. 249, 386
Boophilus microplus, Biarra strain, cattle, carbaryl, piperonyl butoxide, alone or in combination, results show that piperonyl butoxide alone is lethal to all stages of tick when used at relatively high concentrations and that it restores full effectiveness to carbaryl against carbaryl-resistant strain of tick

Piperonyl butoxide + Carbaryl
Schuntner, C. A.; Roulston, W. J.; and Wharton, R. H., 1974, Nature (5455), v. 249, 386
Boophilus microplus, Biarra strain, cattle, carbaryl, piperonyl butoxide, alone or in combination, results show that piperonyl butoxide alone is lethal to all stages of tick when used at relatively high concentrations and that it restores full effectiveness to carbaryl against carbaryl-resistant strain of tick

3-Piperonyl sydnone
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

3-Piperonyl sydnone
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

Piprelix. See Piperazine.

Pirevan. See 1,3-Di-6-quinolylurea.

Pirimifos-methyl. See Pirimiphos-methyl.

Pirimiphos-ethyl
Rawlins, S. C.; and Mansingh, A., 1977, PANS, v. 23 (2), 137-142
Boophilus microplus, Jamaican strain, susceptibility to 35 acaricides, carbamates more effective than organophosphates or formamidines, chlorinated hydrocarbons least effective, comparison of resistance pattern with susceptible and resistant Australian strains

Pirimiphos-methyl -- Actellic 50 EC; Pirimifos-methyl.

Actellic 50 EC (Pirimifos-methyl)
Greco, V.; and Saly, A., 1976, Veterinarstvi, v. 26 (6), 258-259
Haematopinus suis, swine, testing of several insecticides

Pirimiphos-methyl
Rawlins, S. C.; and Mansingh, A., 1977, PANS, v. 23 (2), 137-142
Boophilus microplus, Jamaican strain, susceptibility to 35 acaricides, carbamates more effective than organophosphates or formamidines, chlorinated hydrocarbons least effective, comparison of resistance pattern with susceptible and resistant Australian strains

Pivalic acid ester with 3-Hydroxy-2-mesitylindone (Union Carbide UC-41305)
Drummond, R. O.; et al., 1976, J. Econom. Entom., v. 69 (1), 37-40
Boophilus annulatus, B. microplus, acaricides, laboratory tests, spray and dip tests with cattle

Plasmochin. See Pamaquine.

Plaster of Paris compound (Plaster of Paris + Alum + Naphthalene + Quinine)
Dutta, P. K.; and Hazarika, R. N., 1976, Indian Vet. J., v. 53 (3), 221-224
Stephanofilaria assamensis, cattle, chemotherapeutic trials, comparative efficacy of various drugs: Khanapara

Policydal. See Sulfalene.

Polmiror. See Nifuratel.

Polyanions
Williamson, J., 1977, J. Protozool., v. 24 (2), Suppl., 5A [Abstract]
Trypanosoma congolense, trypanocidal activity of several polyanions

Poly-D-glutamic acid
Williamson, J., 1977, J. Protozool., v. 24 (2), Suppl., 5A [Abstract]
Trypanosoma congolense, trypanocidal activity of several polyanions

Polymix. See Acetarsone or Nitrofurazone or Sulfamethazine or Sulfaquinoxaline.

Polymyxin B -- Neosporin (with Neomycin); Polymyxin B sulfate.

Polymyxin B sulfate
Duma, R. J.; and Finley, R., 1976, Antimicrob. Agents and Chemotherapy, v. 10 (2), 370-376
Naegleria fowleri, Acanthamoeba castellanii, A. polyphaga, in vitro susceptibility to variety of therapeutic agents, results suggest that amphotericin B is most effective agent against Naegleria but few agents are effective against Acanthamoeba

Polymyxin B
Nagington, J.; and Richards, J. E., 1976, J. Clin. Path., v. 29 (7), 648-651
in vitro testing of 24 compounds (9 found promising) for possible cysticidal activity against Acanthamoeba polyphaga and A. castellanii (2 strains), comparison with results with Naegleria gruberi

Polymyxin B + Neomycin (=Neosporin)
Nagington, J.; and Richards, J. E., 1976, J. Clin. Path., v. 29 (7), 648-651
in vitro testing of 24 compounds (9 found promising) for possible cysticidal activity against Acanthamoeba polyphaga and A. castellanii (2 strains), comparison with results with Naegleria gruberi

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Polymyxin B sulfate. See Polymyxin B.

Polyvinyl sulphate
Williamson, J., 1977, J. Protozool., v. 24 (2), Suppl., 5A [Abstract]
Trypanosoma congolense, trypanocidal activity of several polyanions

Pomorin. See Pyrvinium.

Potassium antimonyl tartrate. See Antimony potassium tartrate.

Potassium antimony tartarate. See Antimony potassium tartrate.

Potassium antimony tartrate. See Antimony potassium tartrate.

Potassium cyanide
Singh, K.; and Dutta, G. P., 1976, Indian J. Med. Research, v. 64 (8), 1185-1191
action of metabolic inhibitors on Entamoeba histolytica in axenic culture

Potassium permanganate
Hubert, W. A.; and Warner, M. C., 1975, J. Wildlife Dis., v. 11 (2), 241-244
Epistylis, channel catfish, bioassays of potential control chemicals, salt alone and combined with formalin most effective: experimental raceways, Gallatin, Tennessee

Potassium permanganate
Roegge, M. A.; Rutledge, W. P.; and Guest, W. C., 1977, Aquaculture, v. 12 (2), 137-140
Zoothamnium sp. on larval Macrobrachium acanthurus, chemical control: copper sulfate, dylox, methylene blue, terramycin, combiotic, potassium permanganate, Roccal, nitrofurazone, and malachite green showed little control or were toxic to larvae; formalin at 50 ppm gave complete control, and had no ill effects on larvae: aquaculture, Kerr County, Texas

Povan. See Pyrvinium.

Povanyl. See Pyrvinium.

Praziquantel -- 2-(Cyclohexane-carbonyl)-4-oxo-1.2.3.6.7.11 b-hexahydro-4H-pyrazino [2,1-a]-isoquinoline; 2-Cyclohexylcarbonyl-1,3,4,6,7,11b-hexahydro-2H-pyrazino [2,1-a] isoquinolin-4-one; Droncit; Embay 8440.

Praziquantel
Andrews, P., 1977, Parasitology, v. 75 (2), xvii-xviii [Abstract]
Schistosoma spp. in various hosts, praziquantel highly effective

Praziquantel
Apajalahti, J., 1977, Bol. Chileno Parasitol., v. 32 (1-2), 43
Diphyllobothrium latum, human clinical trials with praziquantel, excellent results, good tolerance without serious side effects

Praziquantel (Droncit)
Baldock, F. C.; Flucke, W. J.; and Hopkins, T. J., 1977, Research Vet. Sc., v. 23 (2), 237-238
Taenia hydatigena in Canis familiaris familiaris (exper.), treatment with praziquantel found to be effective and safe

Praziquantel (Embay 8440)
Baranski, M. C., 1977, Bol. Chileno Parasitol., v. 32 (1-2), 37-39
Taenia saginata, T. solium, Hymenolepis nana, humans, clinical trials with praziquantel, high degree of tolerance with only mild side effects, 100% efficacy with higher doses and favorable clearance even with small doses

Praziquantel (Droncit)
Bylund, G.; Bång, B.; and Wikgren, K., 1977, J. Helminth., v. 51 (2), 115-119
Diphyllobothrium latum, praziquantel effective in hamsters and humans, little in vitro effect on larval or adult worms

Praziquantel -- Continued.

Praziquantel (Embay 8440)
Bylund, G.; Bång, B.; and Wikgren, K., 1977, Bol. Chileno Parasitol., v. 32 (1-2), 7-10
Diphyllobothrium latum, experimental evaluation of praziquantel in golden hamsters (Mesocricetus auratus) and in vitro, only very large doses of drug resulted in die off of worms indicating differences in drug reactions from previously tested cestodes of the cyclophyllidean group

Praziquantel (Embay 8440)
Canzonieri, C. J.; et al., 1977, Bol. Chileno Parasitol., v. 32 (1-2), 41-42
Taenia saginata, Hymenolepis nana, human clinical trials with praziquantel, excellent results without significant side effects

Praziquantel
Coles, G. C.; and McNeillie, R. M., 1977, J. Helminthol., v. 51 (4), 323-326
dietary feeding of drugs for 5 days to mice infected with Nematospiroides dubius and Hymenolepis nana detected all modern anthelmintics examined except stilbazium; simple test using N. spathiger eggs and Nippostrongylus brasiliensis adults to detect anthelmintics in vitro

Praziquantel (Embay 8440)
Espejo, H., 1977, Bol. Chileno Parasitol., v. 32 (1-2), 39-40
human cestodiasis, clinical trials with praziquantel, single dose oral therapy very successful

Praziquantel (Droncit)
Gemmell, M. A.; Johnstone, P. D.; and Oudemans, G., 1977, Research Vet. Sc., v. 23 (1), 121-123
Echinococcus granulosus, Taenia hydatigena, T. ovis, dogs (exper.), praziquantel highly effective, no toxicity observed

Praziquantel (Embay 8440)
Groll, E., 1977, Bol. Chileno Parasitol., v. 32 (1-2), 27-31
cestode spp., single dose clinical trials with praziquantel using patients from a wide international range (Finland, Latin America), good tolerance with minimal side effects

Praziquantel (EMBAY 8440; Droncit)
Hoerchner, F.; Langnes, A.; and Oguz, T., 1977, Tropenmed. u. Parasitol., v. 28 (1), 44-50
larval Cysticercus spp. in experimental animals, clinical trials testing various doses of mebendazole and praziquantel

Praziquantel (Droncit)
Kobulej, T.; and Varga, I., 1976, Acta Vet., Budapest, v. 26 (3), 351-355
Echinococcus granulosus, dogs (exper.), droncit, high efficacy, no side effects

Praziquantel -- Continued.

EMBAY 8440
Koehler, P., 1976, Ztschr. Parasitenk., v. 50 (2), 187
Ascaris suum, chemotherapy, effect on mitochondrial hydrogen transport

Praziquantel (EMBAY 8440; Droncit)
Novak, M., 1977, J. Parasitol., v. 63 (5), 949-950
Mesocestoides corti and Taenia crassiceps larvae in mice, praziquantel far more efficient with continuous administration in food as compared to a single dose

Praziquantel (Embay 8440)
Obermeier, J.; and Frohberg, H., 1977, Arch. Toxicol., v. 38 (3), 149-161
praziquantel, mutagenicity studies using Salmonella typhimurium, tissue-, host-, and urine-mediated mutagenicity assays, no mutagenic activity detected

Praziquantel (Embay 8440)
Paz, G., 1977, Bol. Chileno Parasitol., v. 32 (1-2), 14-16
Taenia saginata, treatment trials in adults and children using single oral dose of praziquantel, 100% efficacy obtained with drug well tolerated and with minimal side effects

Praziquantel (Droncit; Embay 8440)
Rommel, M.; Grelck, H.; and Hoerchner, F., 1976, Berl. u. Munchen. Tierarztl. Wchnschr., v. 89 (13), 255-257
Echinococcus multilocularis, Taenia hydatigena, dogs (exper.), Hydatigera taeniaeformis, cats (exper.), efficacy of praziquantel

Praziquantel (Embay 8440)
Schenone, H.; et al., 1977, Bol. Chileno Parasitol., v. 32 (1-2), 11-13
Hymenolepis nana in children, treatment trials with single dose of praziquantel showed good tolerance, absence of side effects and high efficacy, optimal curative dosage suggested

Praziquantel
Seubert, J.; Pohlke, R.; and Loebich, F., 1977, Experientia, v. 33 (8), 1036-1037
praziquantel (novel broad spectrum anthelmintic), synthesis and properties, brief note

Praziquantel (Embay 8440; Droncit)
Thomas, H., 1977, Bol. Chileno Parasitol., v. 32 (1-2), 2-6
cysticercosis and other cestode spp., trials with praziquantel in various experimental hosts, rapidly effective in small doses with evidence of action on carbohydrate metabolism of the parasite

Prednisolone
Cohen, J.; et al., 1977, Brit. Med. J. (6071), v. 1, 1258
Schistosoma mansoni in man, severe schistosomal myelopathy with paraplegia, sensory deficit and bladder dysfunction, poor response to niridazole and prednisolone, evidence that spinal cord injury of immunologic nature mediated by response to worm and/or ova antigen: London (resident of Sudan)

Prednisone
Atias, A.; Pasmanik, S.; and Niedmann, G., 1966, Bol. Chileno Parasitol., v. 21 (4), 108-111
human ocular toxoplasmosis, analysis of cases before and after treatment with pyrimethamine and sulfamethoxypyridazine (active cases also received prednisone): Chile

Prednisone + Thiabendazole
Davis, M. J.; et al., 1976, Neurology, v. 26 (1), 37-40
Trichinella spiralis in man, severe muscle involvement (4,046 larvae per gram of muscle), clinical case report, history of frequent consumption of pickled pigs' feet, recovery after thiabendazole given concomitantly with prednisone: New York City

Prednisone + Thiabendazole (Mintezol)
Kramer, M. D.; and Aita, J. F., 1972, Neurology, v. 22 (5), 485-491
Trichinella spiralis in human with central nervous system involvement and unilateral rectus paresis, case report, history of pork chop consumption, thiabendazole in conjunction with prednisone: Baltimore

Prednisone
Saari, M.; et al., 1976, Arch. Ophth., Chicago, v. 94 (9), 1485-1488
toxoplasmic chlorioretinitis accompanying acute acquired systemic infection, case report of man probably infected through saliva or nasal secretions of infected cow, treated with pyrimethamine in conjunction with sulfadiazine and prednisone: Finland

Primaclone -- Mylepsinum; Primidone.

Primidone (Mylepsinum)
Heischkeil, R., 1973, Ztschr. Tropenmed. u. Parasitol., v. 24 (4), 505-516
Plasmodium vinckei, chemotherapeutic activity of selected antagonists of folic acid metabolism with special reference to structure-activity relationships, comparison with some standard antimalarials; some compounds also exert noxious effect on host

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Primaquine -- 8-(4-Amino-1-methylbutylamino)-6-methoxyquinoline; d-Primaquine; l-Primaquine; Primaquine dihydroiodide; Primaquine diphosphate; Primaquine phosphate; WR 2975.

Primaquine -- Continued.

Primaquine
Beaudoin, R. L.; et al., 1977, Exper. Parasitol., v. 42 (1), 1-5
Plasmodium berghei, mice, immunization against ANKA strain using unaltered sporozoite as antigen, suppressive doses of chloroquine throughout immunization period with curative courses of primaquine prior to challenge, all mice survived sporozoite challenge but succumbed to challenge with infected erythrocytes

Primaquine diphosphate
Bruce-Chwatt, L. J., 1976, Munchen. Med. Wchnschr., v. 118 (35), 1097-1107
current recommendations for prophylaxis and control of human malaria

Primaquine
Butler, T.; Warren, K. S.; and Mahmoud, A. A., 1976, J. Infect. Dis., v. 133 (6), 721-726
human malarias, algorithms in the diagnosis and management

Primaquine
Charoenlarp, P.; and Harinasuta, T., 1973, Southeast Asian J. Trop. Med. and Pub. Health, v. 4 (1), 135-137
Plasmodium vivax, humans, malarial relapse in 2 persons after conventional course of primaquine and chloroquine, cures obtained with increased dosages of both drugs: Thailand

Primaquine
Charters, A. D.; and Davis, R. E., 1974, Med. J. Australia, v. 1 (14), 527-530
statistical review of human malaria infections imported into Western Australia, increasing incidence, drug resistance to commonly used antimalarials in 4 persons

Primaquine
Chen, E. H.; et al., 1977, J. Med. Chem., v. 20 (8), 1107-1109
P[lasmodium] berghei in mice, P. cynomolgi in monkeys, 5-phenoxy derivatives of primaquine are more active and less toxic than primaquine in antimalarial screening trials

Primaquine
Clyde, D. F.; and McCarthy, V. C., 1977, Am. J. Trop. Med. and Hyg., v. 26 (3), 562-563
Plasmodium vivax in humans (exper.), radical cure without relapse obtained by treating with primaquine 60 mg over 7 rather than 14 days after previously administering chloroquine

Primaquine
Conklin, K. A.; and Chou, S. C., 1970, Science (3963), v. 170, 1213-1214
4 antimalarials, effects on in vitro and in vivo protein synthesis, results indicate primary effect is inhibition of amino acid uptake rather than direct inhibition of protein synthesis

Primaquine -- Continued.

Primaquine
Cross, J. H.; Hsu-Kuo, M. Y.; and Lien, J. C., 1973, Southeast Asian J. Trop. Med. and Pub. Health, v. 4 (4), 481-483
Plasmodium cynomolgi bastianellii, accidental infection in female laboratory worker who was exposing Macaca cyclopis to sporozoite infected mosquitoes, circumstances strongly suggest mosquito transmission although actual means remains unknown, clinical case report, cure with chloroquine and primaquine: Taiwan

Primaquine (WR 2975)
Davidson, D. E., jr.; et al., 1976, Am. J. Trop. Med. and Hyg., v. 25 (1), 26-33
Plasmodium cynomolgi var. bastianellii, trophozoite-induced malaria in Macaca mulatta as antimalarial drug testing system

Primaquine
Davies, E. E.; Howells, R. E.; and Peters, W., 1971, Ann. Trop. Med. and Parasitol., v. 65 (4), 461-464
Plasmodium berghei oocysts after exposure to primaquine, no changes in morphology of mitochondria (as opposed to erythrocytic stages), possible reasons for insensitivity of oocyst to primaquine

Primaquine
Ebisawa, I.; and Muto, T., 1972, Jap. J. Exper. Med., v. 42 (4), 415-417
survey of healthy Laotians employed in endemic vivax malarial area for possible primaquine sensitivity (genetic metabolic deficiency) using methemoglobin reduction test; Japanese similarly tested

Primaquine
Everett, W. D.; Yoshida, A.; and Pearlman, E., 1977, Am. J. Trop. Med. and Hyg., v. 26 (4), 597-601
primaquine evaluated as safe antimalarial for use in glucose-6-phosphate Mahidol deficient persons

Primaquine diphosphate
Goldberg, B.; et al., 1974, J. Protozool., v. 21 (2), 322-326
Leptomonas sp., inhibition by several standard antiprotozoal drugs of growth and oxygen uptake of cells and particulate preparations, possible use as model organism for screening antitrypanosomatid agents as compared to Crithidia fasciculata

Primaquine
Hanson, W. L.; Chapman, W. L., jr.; and Kinnamon, K. E., 1977, Internat. J. Parasitol., v. 7 (6), 443-447
Leishmania donovani in Mesocricetus auratus model, existing procedure modified to make possible screening of 10-15 selected compounds per week for antileishmanial activity, glucantime used as reference compound

Primaquine -- Continued.

Primaquine phosphate
Hughes, F. H., 1974, Southeast Asian J. Trop. Med. and Pub. Health, v. 5 (2), 184-185
Plasmodium falciparum, probable chloroquine resistant malaria in woman who acquired infection while travelling in Central Java despite taking weekly prophylactic chloroquine-primaquine medication: Indonesia

Primaquine + Chloroquine
Kaplan, M. H.; and Bernstein, L. S., 1974, Mil. Med., v. 139 (6), 444-448
Plasmodium vivax, U.S. soldiers in Vietnam, improved care with primaquine combined with chloroquine therapy; survey of servicemen shows frequent mixed hookworm infections, increased serum IgM levels and decreased cholesterol levels

Primaquine dihydroiodide (WR 2,975)
Kinnamon, K. E.; et al., 1977, J. Med. Chem., v. 20 (6), 741-744
Trypanosoma cruzi in mouse model, evaluation of potential antitrypanosomal compounds for suppressive activity equal to or greater than nifurtimox used as reference compound

Primaquine and 4-substituted analogues
LaMontagne, M. P.; Markovac, A.; and Menke, J. R., 1977, J. Med. Chem., v. 20 (9), 1122-1127
Plasmodium spp., laboratory trials in mice and monkeys using primaquine, 4-methylprimaquine and their 4-substituted analogues showed suppressive antimalarial activity

Primaquine
McHardy, N.; Haigh, A. J. B.; and Dolan, T. T., 1976, Nature, London (5562), v. 261, 698-699
Theileria parva, drug screening in vitro, only Menoctone showed appreciable activity, subsequent tests in cattle artificially infected with ECF confirmed activity of Menoctone against the disease, mode of action not clear but seems to act against schizont or earlier stages and probably along a widely occurring biochemical pathway

Primaquine phosphate
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

Primaquine
Merkli, B.; and Peters, W., 1976, Ann. Trop. Med. and Parasitol., v. 70 (4), 473-474
Plasmodium berghei berghei, selection for primaquine resistance, comparison of two different methods

Primaquine -- Continued.

Primaquine
Palmer, R. M. J.; and Weatherall, M., 1977, Brit. J. Pharmacol., v. 59 (3), 472P
anti-malarial drugs, migration of horse leucocytes in vitro, inhibition of migration is specific to neither anti-malarial activity nor chemical structure

Primaquine phosphate
Paul, K.; and Blanton, C. D., jr., 1976, J. Pharm. Sc., v. 65 (10), 1527-1530
5-aryloxy-6-methoxy-8-aminoquinolines synthesized and screened for potential antimalarial activity, poor results in comparison trials with primaquine phosphate

Primaquine
Peters, W.; et al., 1977, Ann. Trop. Med. and Parasitol., v. 71 (4), 407-418
Plasmodium berghei, chloroquine sensitive and resistant strains, or mixed infections with P. yoelii nigeriensis, efficacy and mode of action of mefloquine in mice (exper.), evidence of potent blood schizontocide with effects enhanced by addition of pyrimethamine, sulfaphenazole or primaquine

Primaquine $2H_3PO_4$
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

Primaquine phosphate
Peters, W.; and Porter, M., 1976, Ann. Trop. Med. and Parasitol., v. 70 (3), 271-281
Plasmodium berghei, drug trials with mice comparing activity of WR 122,455 against drug resistant strains with activity of common antimalarials

Primaquine $2H_3PO_4$
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

Primaquine
Peters, W.; Portus, J.; and Robinson, B. L., 1977, Ann. Trop. Med. and Parasitol., v. 71 (4), 419-427
Plasmodium berghei, mice (exper.), studies on development of resistance to mefloquine and possible means of slowing down resistance process by mixing mefloquine with pyrimethamine, sulfaphenazole or primaquine; recommendation that mefloquine be used only to treat chloroquine resistant P. falciparum

Primaquine -- Continued.

Primaquine
Schmidt, L. H.; et al., 1977, Am. J. Trop. Med. and Hyg., v. 26 (6, part 1), 1116-1128
Plasmodium cynomolgi, rhesus monkeys, various 8-aminoquinolines in combination with blood schizonticidal drugs, total dose of 8-aminoquinoline administered (rather than duration of treatment) is primary determinant of radical curative activity

Primaquine
Schmidt, L. H.; et al., 1977, Antimicrob. Agents and Chemotherapy, v. 12 (1), 51-60
Plasmodium cynomolgi in rhesus monkeys (exper.), comparison of radical curative activities and toxicity of d-primaquine, l-primaquine and primaquine; relevant evaluations show that d-primaquine has therapeutic index at least twice that of primaquine; indications for trials in humans

d-Primaquine
Schmidt, L. H.; et al., 1977, Antimicrob. Agents and Chemotherapy, v. 12 (1), 51-60
Plasmodium cynomolgi in rhesus monkeys (exper.), comparison of radical curative activities and toxicity of d-primaquine, l-primaquine and primaquine; relevant evaluations show that d-primaquine has therapeutic index at least twice that of primaquine; indications for trials in humans

l-Primaquine
Schmidt, L. H.; et al., 1977, Antimicrob. Agents and Chemotherapy, v. 12 (1), 51-60
Plasmodium cynomolgi in rhesus monkeys (exper.), comparison of radical curative activities and toxicity of d-primaquine, l-primaquine and primaquine; relevant evaluations show that d-primaquine has therapeutic index at least twice that of primaquine; indications for trials in humans

Primaquine
Shanmugam, C. A. K.; et al., 1976, Indian J. Med. Research, v. 64 (9), 1314-1317
Plasmodium falciparum, P. vivax, humans treated with chloroquine and/or primaquine, follow-up for chloroquine sensitivity status: Tamil Nadu State, India

Primaquine
Sherman, I. W., 1974, J. Protozool., v. 21 (3), 452 [Abstract]
Plasmodium knowlesi cell-free system, requirements for optimum protein synthesis, effect of various drugs

Primaquine
Sherman, I. W., 1976, Comp. Biochem. and Physiol., v. 53 (4B), 447-450
Plasmodium knowlesi ribosomes, development of highly active cell-free protein synthesizing system, use in assaying antimalarials

Primaquine -- Continued.

Primaquine
Sherman, I. W.; and Jones, L. A., 1976, J. Protozool., v. 23 (2), 277-281
Plasmodium lophurae, reliable procedure for isolation of active ribosomes, optimal requirements for in vitro synthesis of proteins, effects of variety of drugs on duck reticulocyte and plasmodial ribosomes in cell-free protein-synthesizing systems (restricted selectivity not obtained)

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d-Primaquine. See Primaquine.

1-Primaquine. See Primaquine.

Primaquine, 2-Benzyloxy analogues
Shetty, R. V.; Wetter, W. P.; and Blanton, C. D., jr., 1977, J. Med. Chem., v. 20 (10), 1349-1351
Plasmodium berghei in mice (exper.) and P. cynomolgi in rhesus monkeys (exper.), synthesis of 2-benzyloxy and 2 benzylthio analogues of primaquine, laboratory trials showed significant schizonticidal antimalarial activity and decreased toxicity

Primaquine, 2-Benzylthio analogues
Shetty, R. V.; Wetter, W. P.; and Blanton, C. D., jr., 1977, J. Med. Chem., v. 20 (10), 1349-1351
Plasmodium berghei in mice (exper.) and P. cynomolgi in rhesus monkeys (exper.), synthesis of 2-benzyloxy and 2 benzylthio analogues of primaquine, laboratory trials showed significant schizonticidal antimalarial activity and decreased toxicity

Primaquine dihydroiodide. See Primaquine.

Primaquine diphosphate. See Primaquine.

Primaquine, 5-phenoxy derivatives
Chen, E. H.; et al., 1977, J. Med. Chem., v. 20 (8), 1107-1109
P[lasmodium] berghei in mice, P. cynomolgi in monkeys, 5-phenoxy derivatives of primaquine are more active and less toxic than primaquine in antimalarial screening trials

Primaquine phosphate. See Primaquine.

Primidone. See Primaclone.

Prodigiosin (WR 25187)
Davidson, D. E., jr.; et al., 1976, Am. J. Trop. Med. and Hyg., v. 25 (1), 26-33
Plasmodium cynomolgi var. bastianellii, trophozoite-induced malaria in Macaca mulatta as antimalarial drug testing system

Prodigiosin
Hanson, W. L.; Chapman, W. L., jr.; and Kinnamon, K. E., 1977, Internat. J. Parasitol., v. 7 (6), 443-447
Leishmania donovani in Mesocricetus auratus model, existing procedure modified to make possible screening of 10-15 selected compounds per week for antileishmanial activity, glucantime used as reference compound

Proflavine -- Proflavine hemisulphate.

Proflavin
Morales, N. M.; et al., 1972, J. Protozool., v. 19 (4), 667-672
Leishmania tropica, effects of ethidium bromide and several acridine dyes on kinetoplast DNA

Proflavine hemisulphate
Nagington, J.; and Richards, J. E., 1976, J. Clin. Path., v. 29 (7), 648-651
in vitro testing of 24 compounds (9 found promising) for possible cysticidal activity against Acanthamoeba polyphaga and A. castellanii (2 strains), comparison with results with Naegleria gruberi

Proflavine hemisulphate
Warhurst, D. C.; Homewood, C. A.; and Baggaley, V. C., 1974, Ann. Trop. Med. and Parasitol., v. 68 (3), 265-281
Plasmodium berghei, erythrocytic forms in vitro, technique for study of autophagic vacuole formation (pigment clumping), effect of chloroquine alone or with various cytotoxic drugs

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Proflavine hemisulphate. See Proflavine.

Proguanil. See Chlorguanide.

Proguanil hydrochloride. See Chlorguanide.

Prolate. See Phosmet.

Promacyl -- 3-Isopropyl-5-methylphenyl N-butyryl-N-methyl carbamate.

Promacyl
Palmer, W. A., 1976?, Tech. Bull. (12), Dept. Agric. N. South Wales, 1-12
Boophilus microplus, laboratory bioassay of adults for monitoring field dips for efficiency, results show method unsuitable

Promacyl
Roulston, W. J.; et al., 1977, Austral. J. Agric. Research, v. 28 (2), 345-354
Boophilus microplus, characterization of three strains of organophosphorus-resistant cattle ticks, resistance to organophosphorus and carbamate acaricides: Bajool, Tully and Ingham, northern Queensland

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Promintic. See Methyridine.

Pronifer
Martinez Gomez, F.; et al., 1976, Arch. Zootecn., Cordoba (99), v. 25, 273-285
Eimeria necatrix, E. mitis, chickens, pronifer administered in animal feed, efficacy similar to commercial coccidiostat, need for further investigations

Propamidine
Damper, D.; and Patton, C. L., 1976, Biochem. Pharmacol., v. 25 (3), 271-276
Trypanosoma brucei, pentamidine transport, kinetics, specificity (competitive inhibition by other trypanocidal aromatic diamidines), structural specificity in relationship to varying drug affinities for transport site and possible role in drug cross-resistance

Propiomazine
Henson, E.; et al., 1972, J. Reticuloendothel. Soc., v. 11 (4), 313-324
Schistosoma mansoni, mice, treatment with propiomazine alone or in combination with epinephrine inhibits granuloma formation and prolongs host survival without killing parasite or inhibiting its egg production, suggests alternate approach to treatment of schistosomiasis

Propiomazine + Epinephrine
Henson, E.; et al., 1972, J. Reticuloendothel. Soc., v. 11 (4), 313-324
Schistosoma mansoni, mice, treatment with propiomazine alone or in combination with epinephrine inhibits granuloma formation and prolongs host survival without killing parasite or inhibiting its egg production, suggests alternate approach to treatment of schistosomiasis

Propolis, ethanol extract (EEP)
Starzyk, J.; et al., 1977, Arzneimittel-Forsch., v. 27 (6), 1198-1199
Trichomonas vaginalis, Toxoplasma gondii, in vitro, lethal effect of ethanol extract of propolis

Propoxur -- Bayer compound 9010; Baygon; Baygon Mosquito Oil Spray; o-Isopropoxyphenyl methylcarbamate; Propoxur neck band; Sendran.

Propoxur neck band
Ahrens, E. H.; et al., 1977, J. Econom. Entom., v. 70 (5), 581-585
Amblyomma maculatum, cattle, field trials to evaluate effectiveness of insecticide-impregnated ear tags, ear bands, neck bands, and asphalt-base aerosols, prevention of screwworm infestations by controlling ticks

Bayer compound 9010
Constantin, M., 1971, Parasitol. Hungar., v. 4, 227-237
Myocoptes musculinus, Myobia musculi, natural infection in laboratory mouse colony, trials with Bayer compound 9010, tetocid, malathion and pyractone emulsion showed all compounds active against Myocoptes musculinus but only pyractone active against Myobia musculi

Propoxur -- Continued.

o-Isopropoxyphenyl methylcarbamate (Propoxur)
Fisch, H.; Angerhofer, R. A.; and Nelson, J. H., 1977, J. Am. Vet. Med. Ass., v. 171 (3), 269-270
propoxur-impregnated tick and flea collars for dogs, toxicity

Propoxur
Gladney, W. J., 1976, J. Econom. Entom., v. 69 (6), 757-760
insecticides, field trials in controlled-release devices for control of Amblyomma maculatum and Cochliomyia hominivorax, cattle: northeastern Starr Co., Texas

0-Isopropoxyphenyl methylcarbamate (Sendran)
Horak, I. G., 1976, J. South African Vet. Med. Ass., v. 47 (1), 17-18
Rhipicephalus sanguineus, Heterodoxus sp., Ctenocephalides canis, dogs, Sendran-impregnated collar, good results

Propoxur (O-Isopropoxyphenyl methylcarbamate; Baygon)
Miller, J. E.; Baker, N. F.; and Colburn, E. L., jr., 1977, Am. J. Vet. Research, v. 38 (7), 923-925
Ctenocephalides felis, dogs, propoxur- and carbaryl-impregnated flea collars, good control

Bayer 9010
Mohammed, M. A.; Atef, M.; and Shihata, I. M., 1976, Egypt. J. Vet. Sc., v. 11 (1-2), 1974, 1-5
Eimeria tenella, poultry, efficiency of insecticides and disinfectants against oocysts

Propoxur
Mount, G. A.; et al., 1976, J. Econom. Entom., v. 69 (2), 257-259
Amblyomma americanum, control with granules or concentrated sprays of diazinon, propoxur, and chlorpyrifos, drug efficacy: wooded plots at Camp Lejeune, North Carolina

Propoxur
Rawlins, S. C.; and Mansingh, A., 1977, PANS, v. 23 (2), 137-142
Boophilus microplus, Jamaican strain, susceptibility to 35 acaricides, carbamates more effective than organophosphates or formamidines, chlorinated hydrocarbons least effective, comparison of resistance pattern with susceptible and resistant Australian strains

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Propoxur neck band. See Propoxur.

2-Propynyl (E,E)-3,7,11-trimethyl-2,4-dodecadienoate. See Kinoprene.

Prop-2-ynyl-(2E,4E)-3,7,11-trimethyl-2,4-dodecadienoate. See Kinoprene.

2-Propynyl-3,7,11-trimethyl-2,6,10-dodecatrienyl ether
Boisvenue, R. J.; Emmick, T. L.; and Galloway, R. B., 1977, Exper. Parasitol., v. 42 (1), 67-72
Haemonchus contortus, some compounds with juvenile hormone activity inhibited in vitro development of infective larvae, none of these compounds had anthelmintic properties against Ascaris suum or Nematospiroides dubius in mice

Prothidium -- Prothidium bromide; Pyrithidium bromide.

Prothidium
Bacchi, C.; et al., 1975, J. Protozool., v. 22 (3), 33A [Abstract]
Leptomonas, cross-resistance patterns of antrycide-resistant clones

Prothidium bromide
Bacchi, C. J.; et al., 1975, Antimicrob. Agents and Chemotherapy, v. 8 (6), 688-692
Leptomonas of insect origin, cross-resistance patterns of clones to a variety of medical and veterinary trypanocides and leishmanicides, potential as a model screening system

Prothidium bromide
Fairlamb, A. H.; and Bowman, I. B. R., 1977, Exper. Parasitol., v. 43 (2), 353-361
Trypanosoma brucei, effect of suramin and other trypanocidal compounds on sn-glycerol-3-phosphate oxidase, results suggest this enzyme is one of principal sites of action of suramin in vivo

Prothidium (Pyrithidium bromide)
Jennings, F. W.; Whitelaw, D. D.; and Urquhart, G. M., 1977, Parasitology, v. 75 (2), 143-153
Trypanosoma brucei, mice, relationship between duration of infection and efficacy of chemotherapy, discovery of type of relapsing infection which in some respects resembles drug resistance but is apparently due to another cause since infections were always completely susceptible to chemotherapy administered at early stage of infection

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Prothidium bromide. See Prothidium.

Protozoacides
Diallo, J. S.; and Bassabi, S., 1973, Medecine Afrique Noire, v. 20 (11), 923-924
ocular complications resulting from human therapy with antiparasitics, review

Protozoacides
Kuttler, K. L., 1973, Proc. 6. National Anaplasmosis Conf. (Las Vegas, Nevada, March 19-20, 1973), 93-97
Anaplasma marginale, cattle, treatment of acute and chronic forms, review

Protozoacides
Lariviere, M., 1975, Medecin Paris (45), 37-48
review of drugs currently used to treat human intestinal helminths and protozoa

Protozoacides
Most, H., 1972, N. England J. Med., v. 287 (10), 495-498; (14), 698-702
common parasitic infections of man encountered in the United States, recommendations for treatment, review

Protozoacides
Mougeot, G., 1974, Medecine Interne, v. 9 (6-7), 365-367
Entamoeba histolytica, review of drugs currently used to treat human amoebiasis

Protozoacides
Pene, P.; and Boisson, M. E., 1973, Medecine Afrique Noire, v. 20 (11), 867-870
human leishmaniasis, clinical indications for therapy, drugs in current use, review

Protozoacides
Pene, P.; Gastaut, J. A.; and Ranque, P., 1972, Medecine Afrique Noire, v. 19 (5), 449-457
drugs of choice, recommendations for use in treating human intestinal parasites

Purina Poultry Dust. See Carbaryl or Sulfur.

Purine-6-sulfonic acid-3-N-oxide
Heischkeil, R., 1974, Tropenmed. u. Parasitol., v. 25 (1), 105-115
Plasmodium vinckei, mice, purine and pyrimidine derivatives, antimetabolic activity against structurally analogous vitamins of the B complex and precursors of nucleic acids, plasmodiostatic activity compared to some standard antimalarials

Puromycin -- 9-[3-1-(α-Amino-4-methoxy-hydrocinnamamido)-3-deoxy-β-D-ribofuranosyl]-6-dimethylamino-β-purine; Puromycin dihydrochloride.

Puromycin
Parker, R. D., jr.; and MacInnis, A. J., 1977, Exper. Parasitol., v. 41 (1), 2-16
Hymenolepis diminuta, cell-free system for protein synthesis, isolation and purification and reconstruction in vitro; puromycin inhibition of protein synthesis in this system indicated its potential use in investigating anthelmintic action

Puromycin
Rane, L.; Rane, D. S.; and Kinnamon, K. E., 1976, Am. J. Trop. Med. and Hyg., v. 25 (3), 395-400
Trypanosoma rhodesiense, test system to evaluate large numbers of candidate drugs based on mortality of mice with blood-induced infections, serves as primary screen or as secondary and confirmatory test for active compounds

Puromycin
Sherman, I. W., 1974, J. Protozool., v. 21 (3), 452 [Abstract]
Plasmodium knowlesi cell-free system, requirements for optimum protein synthesis, effect of various drugs

Puromycin -- Continued.

Puromycin
Sherman, I. W., 1976, Comp. Biochem. and Physiol., v. 53 (4B), 447-450
Plasmodium knowlesi ribosomes, development of highly active cell-free protein synthesizing system, use in assaying antimalarials

Puromycin
Sherman, I. W.; and Jones, L. A., 1976, J. Protozool., v. 23 (2), 277-281
Plasmodium lophurae, reliable procedure for isolation of active ribosomes, optimal requirements for in vitro synthesis of proteins, effects of variety of drugs on duck reticulocyte and plasmodial ribosomes in cell-free protein-synthesizing systems (restricted selectivity not obtained)

Puromycin dihydrochloride
Warhurst, D. C.; Homewood, C. A.; and Baggaley, V. C., 1974, Ann. Trop. Med. and Parasitol., v. 68 (3), 265-281
Plasmodium berghei, erythrocytic forms in vitro, technique for study of autophagic vacuole formation (pigment clumping), effect of chloroquine alone or with various cytotoxic drugs

Puromycin
Williamson, J.; and Macadam, R. F., 1976, Tr. Roy. Soc. Trop. Med. and Hyg., v. 70 (2), 130-137
Trypanosoma rhodesiense, effects of puromycin and its aminonucleoside, cordycepin and nucleocidin on fine structure

Puromycin
Williamson, J.; and McLaren, D. J., 1974, J. Protozool., v. 21 (3), 453-454 [Abstract]
Trypanosoma rhodesiense, induction of cytoplasmic clefts by Puromycin, Cordycepin, and Nucleocidin, results suggest drugs may prevent uptake of required unsaturated fatty acids and promote excessive intake of saturated acids

Puromycin
Williamson, J.; and Scott-Finnigan, T. J., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (1), 1-2 [Demonstration]
Trypanosoma congolense, in vitro testing of antiviral and antitumor compounds with possible trypanicidal effects, probable RNA inhibition

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Puromycin aminonucleoside -- 9-(3-Amino-3-deoxy-β-D-ribofuranosyl)-6-dimethyl-amino-β-purine.

Puromycin aminonucleoside
Rane, L.; Rane, D. S.; and Kinnamon, K. E., 1976, Am. J. Trop. Med. and Hyg., v. 25 (3), 395-400
Trypanosoma rhodesiense, test system to evaluate large numbers of candidate drugs based on mortality of mice with blood-induced infections, serves as primary screen or as secondary and confirmatory test for active compounds

Puromycin aminonucleoside -- Continued.

Puromycin aminonucleoside
Williamson, J.; and Macadam, R. F., 1976, Tr. Roy. Soc. Trop. Med. and Hyg., v. 70 (2), 130-137
Trypanosoma rhodesiense, effects of puromycin and its aminonucleoside, cordycepin and nucleocidin on fine structure

Puromycin aminonucleoside
Williamson, J.; and Scott-Finnigan, T. J., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (1), 1-2 [Demonstration]
Trypanosoma congolense, in vitro testing of antiviral and antitumor compounds with possible trypanicidal effects, probable RNA inhibition

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Puromycin dihydrochloride. See Puromycin.

Pyractone emulsion. See Pyrethrins.

Pyrantel -- Banminth; Banminth S; Combantrin; C.P. 10423-18; trans-1-Methyl-2/2 (2-thienyl) vinyl/1,4,5,6 tetrahydropyrimidine tartrate; Pyrantel embonate; Pyrantel hydrochloride; Pyrantel pamoate; Pyrantel tartrate; Pyrequan; Strongid-P; Strongid-T; trans-1,4,5,6-Tetrahydro-1-methyl-2-[2-(2 thienyl) vinyl] pyrimidine hydrochloride; trans-1,4,5,6-Tetrahydro-1-methyl-2-(2-(thienyl) vinyl)-pyrimidine pamoate; U.K. 2500.

Pyrantel tartrate (Banminth)
Abdel-Rahman, M. S.; et al., 1972, Parasitol. Hungar., v. 5, 225-237
Strongylus spp., Trichonema spp., Parascaris equorum, Trichostrongylus axei in horses, field trials testing efficacy of various anthelmintics; phenothiazine, banminth and thiabendazole most effective: Egypt

Pyrantel pamoate
Arfaa, F.; and Ghadirian, E., 1977, Am. J. Trop. Med. and Hyg., v. 26 (5, part 1), 866-871
Ascaris lumbricoides, statistics of epidemiologic survey and mass therapy using pyrantel pamoate in 6 rural villages in central Iran

Pyrantel pamoate (Combantrin)
Bell, W. J.; and Nassif, S., 1971, Am. J. Trop. Med. and Hyg., v. 20 (4), 584-588
clinical trials comparing the efficacy of pyrantel pamoate and piperazine phosphate in the treatment of human Ascaris lumbricoides infections: Egypt

Pyrantel pamoate (Combantrin)
Biagi, F.; Alvarez, R. ; and Delgado, R., 1972, Prensa Med. Mexicana, v. 37 (5-6), 221-223
human intestinal helminths, clinical trials with pyrantel pamoate, good results

Pyrantel -- Continued.

Pyrantel pamoate (Combantrin)
Biagi, F.; and Medina, J. A., 1974, Prensa Med. Mexicana, v. 39 (9-10), 440-443
human intestinal parasites, pyrantel pamoate, metabolism and pharmaceutical action

Pyrantel
Bruch, K.; and Haas, J., 1976, Ann. Trop. Med. and Parasitol., v. 70 (2), 205-211
Ascaris, hookworm, Trichuris, human, single dose fenbendazole compared with pyrantel: Liberia

Combantrin (Pyrantel embonate)
Brus, R.; et al., 1976, Polski Tygod. Lekar., v. 31 (5), 195-197
Enterobius vermicularis in children, comparative mass clinical trials with vanquin and combantrin; combantrin indicated as drug of choice since it was slightly more effective than vanquin and also effective against Ascaris lumbricoides: Cieszyn County, Poland

Pyrantel pamoate
Bussieras, J., 1977, Rev. Med. Vet., Toulouse, v. 128 (3), 343-348
strongyles, ascarids, horses, pyrantel pamoate orally or by naso-oesophageal catheter, no bad effects

Combantrin
Cabrera, B. D.; Arambulo, P. V. III; and Portillo, G. P., 1975, Southeast Asian J. Trop. Med. and Pub. Health, v. 6 (4), 510-518
human ascariasis, statistical epidemiologic survey and development of working model for control and/or eradication of infection using a rural community in the Philippines

Pyrantel pamoate
Camargo, P. A. M.; et al., 1974, Pediat. Prat., S. Paulo, v. 45 (10-12), 189-194
human intestinal helminths, comparative treatment trials using mebendazole and pyrantel pamoate, efficacy of drugs checked using the McMaster technique to determine reduction in egg production

Pyrantel embonate (Combantrin)
Carney, D. E.; O'Reilly, B. J.; and Tweddell, E. D., 1971, Med. J. Australia, v. 2 (5), 254-256
human enterobiasis, comparative clinical trials using pyrantel embonate and viprynium embonate: Australia

Pyrantel pamoate
Cervoni, W. A.; and Oliver-Gonzalez, J., 1971, Am. J. Trop. Med. and Hyg., v. 20 (4), 589-591
pyrantel pamoate effective against human infection of Ascaris lumbricoides and Necator americanus but not Trichuris trichiura in clinical evaluations: Puerto Rico

Pyrantel -- Continued.

Pyrantel tartrate
Coles, G. C.; East, J. M.; and Jenkins, S. N., 1975, Gen. Pharmacol., v. 6 (4), 309-313
Nippostrongylus brasiliensis, Ascaris lumbricoides var. suum, levamisole, mechanism of action, paralysis and recovery of motility, resistance of recovered worms to paralysis by methyridine, pyrantel, or bephenium, results suggest levamisole acts as ganglion stimulant and that inhibition of fumarate reductase is not relevant to in vivo mode of action

Pyrantel tartrate
Coles, G. C.; and McNeillie, R. M., 1977, J. Helminthol., v. 51 (4), 323-326
dietary feeding of drugs for 5 days to mice infected with Nematospiroides dubius and Hymenolepis nana detected all modern anthelmintics examined except stilbazium; simple test using N. spathiger eggs and Nippostrongylus brasiliensis adults to detect anthelmintics in vitro

Pyrantel pamoate (Combantrin)
Dan, V.; Senghor, G.; and Niang, I., 1973, Medecine Afrique Noire, v. 20 (12), 997-1006
recommendations for use in clinics and for mass therapy in human intestinal helminth infections, adults and children

Pyrantel pamoate (Combantrin)
Diop, B.; and Bao, O., 1974, Medecine Afrique Noire, v. 21 (1), 31-40
human intestinal helminths, clinical indications for treatment, suggested dosage, efficacy, tolerances, possible toxicities

Pyrantel pamoate
Dorchies, P.; and Amalric, M., 1977, Rev. Med. Vet., Toulouse, v. 128 (1), 7-24
gastrointestinal helminths, gastrophilosis, horses, anthelmintics, drug efficacy, review

Pyrantel tartrate
Dorchies, P.; and Amalric, M., 1977, Rev. Med. Vet., Toulouse, v. 128 (1), 7-24
gastrointestinal helminths, gastrophilosis, horses, anthelmintics, drug efficacy, review

Pyrantel tartrate
Eckert, J.; and Eisenegger, H., 1976, Zentralbl. Vet.-Med., Beihefte (25), 155-160
Dictyocaulus viviparus, cattle, program for management and control, vaccination with Dictol, tetramisole treatment; Ostertagia ostertagi, Cooperia oncophora, pyrantel tartrate treatment to control concurrent infection limiting weight gain

Pyrantel tartrate
Euzeby, J., 1976, Rev. Med. Vet., Toulouse, v. 127 (12), 1747-1763
gastrointestinal nematodes, lambs, pyrantel tartrate, good efficacy, increased host growth

Pyrantel -- Continued.

Pyrantel embonate (Strongid-P)
Fagot, G.; Clery, P.; and Pascal, D., 1977, Prat. Vet. Equine, v. 9 (3), 169-170
ascarids, strongyles, Oxyuris in race horses, clinical trials with strongid-P most successful in eradicating strongyles: France

Pyrantel pamoate
Farahmandian, I.; et al., 1977, Chemotherapy, v. 23 (2), 98-105
human intestinal Ascaris, hookworm and Trichostrongylus spp., statistics of comparative trials using pyrantel, levamisole, mebendazole, thiabendazole and bephenium: Iran

Pyrantel (Combantrin)
Farid, Z.; et al., 1977, J. Trop. Med. and Hyg., v. 80 (5), 107-108
human Ascaris lumbricoides and Ancylostoma duodenale, effectiveness of levamisole, pyrantel and bephenium compared in clinical trials, all drugs well tolerated: Egypt

Banminth (C.P. 10423-18; U.K. 2500)
Gonzalez, H.; and Plaza, J., 1968, Bol. Chileno Parasitol., v. 23 (3-4), 134-137
gastrointestinal nematodes of sheep, comparative therapeutic trials using banminth, phenothiazine, and thiabendazole

Pyrantel embonate (Combantrin)
Grove, D. I.; Burston, T. O.; and Forbes, I. J., 1974, Clin. and Exper. Immunol., v. 18 (4), 565-569
hookworm-infested population, high serum IgE levels, serum IgE and blood eosinophil levels fell after treatment with pyrantel: Papua New Guinea

Pyrantel tartrate
Hollo, F., 1971, Parasitol. Hungar., v. 4, 104-114
trichostrongyloidiasis in sheep causing gastro-enteritis, comparative trials of various anthelmintics showed tetramisole to be treatment of choice

Pyrantel hydrochloride
Howes, H. L., jr., 1972, Proc. Soc. Exper. Biol. and Med., v. 139 (2), 394-398
Trichuris muris and other helminths, dogs, mice (both exper.), CP-14,445 hydrochloride and pamoate compared with activity of known anthelmintics; dosage response data indicate that T. muris-mouse infection could be test model for antiwhipworm studies

Pyrantel pamoate (Combantrin)
Hsieh, H. C.; and Chen, E. R., 1971, Southeast Asian J. Trop. Med. and Pub. Health, v. 2 (3), 362-364
Ascaris lumbricoides, humans, single dose therapy with combantrin resulted in high cure rates and reduced egg counts: Taiwan

Pyrantel -- Continued.

Pyrantel pamoate (Combantrin)
Ishizaki, T., 1974, Internat. Med. Found. Japan. Reporting series (4), 65-81
human Ascaris lumbricoides, epidemiologic and historical review, nightsoil control measures, comparison of anthelmintics in current use: Japan

Pyrantel pamoate
Islam, N.; and Chowdhury, N. A., 1976, Southeast Asian J. Trop. Med. and Pub. Health, v. 7 (1), 81-84
human intestinal parasites, comparative treatment trials using mebendazole and pyrantel pamoate, recommendations for use: Dacca, Bangladesh

Pyrantel pamoate
Ismail, D.; et al., 1976, Paediat. Indonesiana, v. 16 (9-10), 391-395
ascariasis in children, pyrantel pamoate more effective than either tetramisole or piperazine as therapy but all drugs reduced egg counts in feces by 80%: Indonesia

Pyrantel embonate (Strongid-P)
Jeggo, M. H.; and Sewell, M. M. H., 1977, Vet. Rec., v. 101 (10), 187
Trichonema spp., horse, mebendazole and pyrantel embonate failed to prevent onset of disease, successfully treated with fenbendazole

Pyrantel pamoate
Khan, Q. R.; et al., 1974, Pakistan J. Med. Research, v. 13 (2-3), 51-53
pyrantel pamoate successfully used in mass deworming study of grade school children: Karachi, Pakistan

Combantrin (Pyrantel pamoate)
Kochanska, E.; Kochanski, M.; and Stehlik, A., 1972, Polski Tygod. Lekar., v. 27 (37), 1453-1455
Enterobius vermicularis, children in group home, clinical trials using combantrin, good results: Poland

Pyrantel hydrochloride
Kozdon, O.; and Zajicek, D., 1976, Vet. Med., Praha, v. 49, v. 21 (11), 693-702
nematodes, sheep under natural field conditions, seasonal distribution as modified by dehelminthization, possible management strategies for effective timing of dehelminthization: Western Bohemia

Pyrantel-tartrate (Banminth)
Laemmler, G.; and Gruener, D., 1976, Berl. u. Munchen. Tierarztl. Wchnschr., v. 89 (11), 222-225; (12), 229-233
Capillaria hepatica in Mastomys natalensis, comparative activity of 24 anthelmintics, possible model screening system

Pyrantel -- Continued.

Pyrantel hydrochloride (Banminth)
Leland, S. E., jr.; et al., 1975, Am. J. Vet. Research, v. 36 (4), Part 1, 449-456
Cooperia punctata, in vitro-grown parasitic stages, evaluation of 28 anthelmintics using presumptive and confirmatory tests, comparison of in vitro potency with established in vivo activity against Cooperia and various other parasites, potential usefulness as preliminary screening method

Pyrantel-tartrate (Banminth)
Manz, D.; and Dingeldein, W., 1974, Prakt. Tierarzt, v. 55 (8), 422-425
nematodes of European and exotic herbivores, Banminth, good results

Pyrantel pamoate (Combantrin)
Nitzulescu, V.; and Cherman, I., 1974, Pediatria, Bucuresti, v. 23 (3), 271-272
mixed human infections of ascariasis and oxyuriasis, combantrin an effective anthelmintic, limited clinical trial

Banminth
Nurtazin, A. T., 1975, Vestnik Sel'skokhoz. Nauki Kazakhstana (4), 84-86
sheep, trichostrongylids, anthelmintic efficacy of banminth, good results

Banminth
Ockens, N., 1977, Medlemsbl. Danske Dyrlaegeforen., v. 60 (4), 147-148
Ancylostomum, Uncinaria, dogs, symptoms, good results with banminth

Pyrantel tartrate
Okon, E. D., 1976, Research Vet. Sc., v. 21 (1), 104
Ascaridia galli third stage larvae, fowls, pyrantel tartrate, drug efficacy, good results

Pyrantel pamoate (Combantrin)
Pasticier, A., 1975, Nouv. Presse Med., v. 4 (37), 2659-2660
single and mixed parasitic infections in humans, good results with pyrantel pamoate

Pyrantel embonate (Combantrin)
Pawlowski, Z.; Chwirot, E.; and Zizlawski, J., 1973, Polski Tygod. Lekar., v. 28 (8), 291-293
Enterobius vermicularis, adults and children, efficacy of combantrin compared with that of pyrvinium embonate

Pyranteltartrat (Banminth S)
Pfeiffer, A., 1977, Prakt. Tierarzt, v. 58 (1), 32-38
Hyostrongylus rubidus, Oesophagostomum spp., sows treated for improved weight gain of weanling pigs

Pyrantel -- Continued.

Pyrantel tartrate (Pyrequan)
Rizzoli-Stalder, C.; et al., 1976, Schweiz. Arch. Tierh., v. 118 (8), 341-345
gastrointestinal parasites, horses, two groups maintained on similar pastures, only one group receiving regular anthelmintic treatment, quantitative and qualitative study of egg production from fecal specimens

Pyrantel pamoate
Robinson, M.; Hooke, F. G.; and Iverson, K. E., 1976, Austral. Vet. Practitioner, v. 6 (2), 104-108
pyrantel pamoate, critical trials against roundworms and hookworms in naturally and experimentally infected dogs, drug efficacy compared with piperazine citrate: Australia

Pyrantel pamoate
Robinson, M.; Hooke, F.; and Iverson, K. E., 1976, Austral. Vet. Practitioner, v. 6 (3), 173-176
Trichuris vulpis, Ancylostoma caninum, Toxocara canis, dogs, oxantel pamoate separately and combined with pyrantel pamoate, drug efficacy, good results: Australia

Pyrantel pamoate (Combantrin)
Sankale, M.; Diop, B.; and Bao, O., 1974, Medecine Afrique Noire, v. 21 (2), 149-152
ascariasis, ancylostomiasis, human, successful trials with pyrantel pamoate: Senegal

Pyrantel pamoate
Schenone, H.; et al., 1974, Bol. Chileno Parasitol., v. 29 (3-4), 86-89
pyrantel pamoate recommended for treatment of both Ascaris lumbricoides and Enterobius vermicularis, individual or mass therapy, clinical trials in children: Chile

Pyrantel (Banminth)
Scott, P., 1977, N. Zealand Vet. J., v. 25 (12), 373-378
detailed review of some modern equine anthelmintics, efficacy and safety

Pyrantel pamoate (Combantrin)
Seah, S. K. K., 1973, Southeast Asian J. Trop. Med. and Pub. Health, v. 4 (4), 534-542
intestinal parasites, persons living in non-endemic areas who acquired infections while travelling or who has immigrated from endemic areas, pyrantel pamoate successful for Ascaris lumbricoides, results with other parasites varied: Montreal, Canada

Pyrantel pamoate
Senewiratne, B.; et al., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 233-239
Necator americanus, human, tetrachlorethylene single dose compared with bephenium hydroxynaphthoate and pyrantel pamoate single and multiple doses, tetrachlorethylene remains drug of choice: Ceylon

Pyrantel -- Continued.

Pyrantel pamoate (Strongid-T)
Slocombe, J. O. D.; and Cote, J. F., 1977, Canad. Vet. J., v. 18 (8), 212-217
small strongyles, horses, cross resistance to cambendazole, thiabendazole, and mebendazole, susceptibility to non-benzimidazole compounds

Pyrantel pamoate (Combantrin)
Walker, A. C.; and Bellmaine, S. P., 1975, Med. J. Australia, v. 1 (24), 751-752
severe digestive tract hemorrhage in Aboriginal infants apparently associated with massive infestation of Ancylostoma duodenale with cessation of bleeding after administration of anthelmintic: Northern Territory, Australia

Pyrantel pamoate (Banminth)
Witteborg, K., 1976, Tierarztl. Umschau, v. 31 (2), 72-74
ascariasis, puppies of dogs of large breeds, pyrantel pamoate at two standard dosages, not successful, comparison with piperazine citrate, discussion of dosages

Pyrequan (Pyrantel)
Wlodarczak, C., 1972, Med. Wet., v. 28 (4), 221-222
strongyloidosis, Parascaris equorum, horses, Pyrequan

Pyrantel HCl
Zajicek, D.; and Kozdon, O., 1977, Veterinarstvi, v. 27 (6), 257-258
nematodes, sheep, relation of dehelminthization with pyrantel HCl, helmantac and nilverm to nematode incidence on pastures, three-year study, overall decrease

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Pyrantel embonate. See Pyrantel.

Pyrantel hydrochloride. See Pyrantel.

Pyrantel pamoate. See Pyrantel.

Pyrantel tartrate. See Pyrantel.

Pyrequan. See Pyrantel.

Pyrethrins -- Mitecide Otic Solution (with Methoxychlor and Hexachlorophene); Pyractone emulsion.

Pyrethrins + Piperonyl butoxide
Blume, R. R.; Matter, J. J.; and Eschle, J. L., 1973, J. Med. Entom., v. 10 (6), 596-598
Haematobia irritans, horses, laboratory evaluation of five insecticides, large-cage technique

Pyrethrins -- Continued.

Pyractone emulsion
Constantin, M., 1971, Parasitol. Hungar., v. 4, 227-237
Myocoptes musculinus, Myobia musculi, natural infection in laboratory mouse colony, trials with Bayer compound 9010, tetocid, malathion and pyractone emulsion showed all compounds active against Myocoptes musculinus but only pyractone active against Myobia musculi

Pyrethrin + Methoxychlor + Hexachlorophene (= Mitecide Otic Solution)
Scott, D. W., 1977, Feline Pract., v. 7 (3), 47-50
drug eruption in a cat due to a mitecide

Pyrethrum
Nayar, M. A.; and Isa, J. F. W., 1973, Bull. Epizoot. Dis. Africa, v. 21 (2), 153-157
Rhipicephalus evertsi and Amblyomma variegatum larvae, highly effective

1-(2-(γ-Pyridyl)ethyl)-2-methyl-5-nitroimidazole. See Panidazole.

4'-Pyridyl-hydantoin
Heischkeil, R., 1973, Ztschr. Tropenmed. u. Parasitol., v. 24 (4), 505-516
Plasmodium vinckei, chemotherapeutic activity of selected antagonists of folic acid metabolism with special reference to structure-activity relationships, comparison with some standard antimalarials; some compounds also exert noxious effect on host

Pyrimethamine -- Antemal (with Sulfatopyrazine); Chloridine; Cozurone (with Acetarsol and Dapsone); Daraclor (with Chloroquine sulfate); Daraprim; 2,4-Diamino-5-parachlorphenyl-6-ethyl pyrimidine; 2,4-Diamino-5-(p-chlorophenyl)-6-ethyl pyrimidine; Fansidar (with Sulfadoxine); Maloprim (with Diaminodiphenylsulphone); Tindurin; Whitsyn 10 (with Sulfaquinoxaline); WR 2978.

Pyrimethamine + Sulfamethoxydiazine
Apt, W., 1970, Bol. Chileno Parasitol., v. 25 (1-2), 65-68
Toxoplasma gondii, criteria for treating humans with pyrimethamine and sulfa drugs, pharmacologic action, treatment of toxic side effects with folinic acid, recommendation for prophylactic treatment of newborn infants exposed to infection

Pyrimethamine + Sulfamethoxypyridazine
Apt, W., 1970, Bol. Chileno Parasitol., v. 25 (1-2), 65-68
Toxoplasma gondii, criteria for treating humans with pyrimethamine and sulfa drugs, pharmacologic action, treatment of toxic side effects with folinic acid, recommendation for prophylactic treatment of newborn infants exposed to infection

Pyrimethamine -- Continued.

Pyrimethamine + Tricombil
Apt, W., 1970, Bol. Chileno Parasitol., v. 25 (1-2), 65-68
Toxoplasma gondii, criteria for treating humans with pyrimethamine and sulfa drugs, pharmacologic action, treatment of toxic side effects with folinic acid, recommendation for prophylactic treatment of newborn infants exposed to infection

Pyrimethamine (Daraprim)
Apt, W.; Niedmann, G.; and Atias, A., 1968, Bol. Chileno Parasitol., v. 23 (3-4), 102-107
known or suspected Toxoplasma gondii infections in pregnant women, treatment during pregnancy with pyrimethamine combined with sulfa drugs, favorable results in selected clinical trials

Pyrimethamine
Atias, A.; Pasmanik, S.; and Niedmann, G., 1966, Bol. Chileno Parasitol., v. 21 (4), 108-111
human ocular toxoplasmosis, analysis of cases before and after treatment with pyrimethamine and sulfamethoxypyridazine (active cases also received prednisone): Chile

Pyrimethamine
Bamford, C. R., 1975, Neurology, v. 25 (4), 343-345
Toxoplasma gondii presenting with symptoms of brain abscess and meningitis in 41-year-old man being treated for scleroderma, some improvement after therapy with sulfisoxazole and pyrimethamine: Tucson, Arizona

Pyrimethamine
Black, R. H.; and Ray, A. P., 1977, Ann. Trop. Med. and Parasitol., v. 71 (2), 131-139
Plasmodium berghei-infected mice (exper.), potentiation of therapeutic effects of proguanil and pyrimethamine by dapsone

Pyrimethamine + Chloroquine
Bolton, J. M., 1972, Med. J. Malaysia, v. 27 (1), 10-19
review of malarial control program among Orang Asli aborigines, prophylactic distribution of chloroquine and pyrimethamine and frequent spraying of homes with DDT implimented, discussion of problems involved: West Malaysia jungle areas

Pyrimethamine + Sulfaquinoxaline (=Whitsyn 10)
Bombeke, A.; Okerman, F.; and Moermans, R., 1977, Rev. Agric., Bruxelles, v. 30 (3), 749-760
coccidiostats whitsyn 10, coyden 25 in feed of growing rabbits, growth, feed consumption and feed conversion efficiency; statistical analysis methods

Pyrimethamine (Daraprim)
Bruce-Chwatt, L. J., 1976, Munchen. Med. Wchnschr., v. 118 (35), 1097-1107
current recommendations for prophylaxis and control of human malaria

Pyrimethamine -- Continued.

Pyrimethamine + Chloroquine sulfate (= Daraclor)
Bruce-Chwatt, L. J., 1976, Munchen. Med. Wchnschr., v. 118 (35), 1097-1107
current recommendations for prophylaxis and control of human malaria

Pyrimethamine + Dapsone (= Maloprim)
Bruce-Chwatt, L. J., 1976, Munchen. Med. Wchnschr., v. 118 (35), 1097-1107
current recommendations for prophylaxis and control of human malaria

Pyrimethamine + Sulfadoxin (= Fansidar)
Bruce-Chwatt, L. J., 1976, Munchen. Med. Wchnschr., v. 118 (35), 1097-1107
current recommendations for prophylaxis and control of human malaria

Pyrimethamine
Butler, T.; Warren, K. S.; and Mahmoud, A. A., 1976, J. Infect. Dis., v. 133 (6), 721-726
human malarias, algorithms in the diagnosis and management

Pyrimethamine + Sulfadoxine (= Fansidar)
Butler, T.; Warren, K. S.; and Mahmoud, A. A., 1976, J. Infect. Dis., v. 133 (6), 721-726
human malarias, algorithms in the diagnosis and management

Pyrimethamine + Sulfamides
Charmot, G., 1973, Medecine Afrique Noire, v. 20 (10), 745-751
human malaria, clinical indications for drug selection and treatment

Pyrimethamine + Tetracycline + Quinine
Chin, W.; and Intraprasert, R., 1973, Southeast Asian J. Trop. Med. and Pub. Health, v. 4 (2), 245-249
human Plasmodium falciparum, sensitivity of Thai strain of malaria tested against quinine alone and in combinations with tetracycline and pyrimethamine

2,4-Diamino-5-(p-chlorophenyl)-6-ethyl pyrimidine
Christow, C. P., 1973, Riv. Parassitol., Roma, v. 34 (3), 237-240
Trichomonas vaginalis, inhibition of growth by 2 folic acid antagonists (2,4-diaminopyrimidine and 2,4-diamino-5-(p-chlorophenyl)-6-ethyl pyrimidine)

Pyrimethamine
Clyde, D. F.; et al., 1976, J. Trop. Med. and Hyg., v. 79 (2), 38-41
chloroquine-resistant strain of Plasmodium falciparum from Indonesian New Guinea characterized in non-immune volunteers, resistant to most commonly used antimalarials, radical cure produced with mefloquine

Pyrimethamine -- Continued.

Pyrimethamine (Daraprim)
Colgrove, D. J., 1976, J. Am. Vet. Med. Ass., v. 168 (7), 591-592
Babesia canis, dogs, clinical signs, diagnosis, pyrimethamine therapy, possible tick vectors: Oahu Island, Hawaii

Pyrimethamine (WR 2978)
Davidson, D. E., jr.; et al., 1976, Am. J. Trop. Med. and Hyg., v. 25 (1), 26-33
Plasmodium cynomolgi var. bastianellii, trophozoite-induced malaria in Macaca mulatta as antimalarial drug testing system

Pyrimethamine (Daraprim)
Diehl, K.; and Berlinger, R., 1976, Med. Welt., v. 27 (7), 315-319
acute fulminating toxoplasmosis, youth, pyrimethamine-induced megaloblastic anemia, case report: Germany

Pyrimethamine
Djudovic, P.; et al., 1976, Pharmazie, v. 31 (12), 845-849
quinoline-3-, 6-methoxyquinoline-3-, and quinoxaline-2-derivatives, synthesis, activity against drug-sensitive and resistant strains of Plasmodium spp. in white mice and canaries, comparison with known antimalarials

Pyrimethamine
Doberstyn, E. B.; et al., 1976, Am. J. Trop. Med. and Hyg., v. 25 (1), 14-19
Plasmodium falciparum, human, pyrimethamine alone ineffective, in combination with diformyldapsone not sufficiently active, in combination with sulfadoxine acceptable if preceded by short course of quinine

Pyrimethamine + Diformyldapsone
Doberstyn, E. B.; et al., 1976, Am. J. Trop. Med. and Hyg., v. 25 (1), 14-19
Plasmodium falciparum, human, pyrimethamine alone ineffective, in combination with diformyldapsone not sufficiently active, in combination with sulfadoxine acceptable if preceded by short course of quinine

Pyrimethamine + Sulfadoxine (= Fansidar)
Doberstyn, E. B.; et al., 1976, Am. J. Trop. Med. and Hyg., v. 25 (1), 14-19
Plasmodium falciparum, human, pyrimethamine alone ineffective, in combination with diformyldapsone not sufficiently active, in combination with sulfadoxine acceptable if preceded by short course of quinine

Pyrimethamine + Chloroquine (= Daraclor)
Dondero, T. J., jr.; Parsons, R. E.; and Ponnampalam, J. T., 1976, Tr. Roy. Soc. Trop. Med. and Hyg., v. 70 (2), 149-154
Plasmodium falciparum, appreciable chloroquine and chloroquine combined with pyrimethamine drug resistance discovered in survey of peninsular area; no evidence of resistance with P. vivax and P. malariae: Malaysia

Pyrimethamine -- Continued.

Pyrimethamine
Dubey, J. P.; and Yeary, R. A., 1977, Canad. Vet. J., v. 18 (3), 51-57
Toxoplasma gondii, cats (exper.), 2-sulfamoyl-4,4-diaminodiphenylsulfone, sulfadiazine and pyrimethamine (not reliable); clindamycin (might be effective)

Pyrimethamine + Sulfadoxine (= Fansidar)
Dutz, W.; et al., 1976, National Cancer Inst. Monograph (43), 179-185
Pneumocystis carinii pneumonia in humans, advantages and disadvantages of therapy and prophylaxis using pentamidine isethionate or sulfadoxine combined with pyrimethamine

Pyrimethamine-Sulfadoxine
Ebisawa, I.; Fukuyama, T.; and Kawamura, Y., 1976, Trop. and Geogr. Med., v. 28 (4), 349-354
Plasmodium falciparum, humans, additional foci of chloroquine resistant strain discovered in Indonesia, responsive to single-dose therapy with sulfadoxine-pyrimethamine or sulfamonomethoxine-pyrimethamine

Pyrimethamine-Sulfamonomethoxine
Ebisawa, I.; Fukuyama, T.; and Kawamura, Y., 1976, Trop. and Geogr. Med., v. 28 (4), 349-354
Plasmodium falciparum, humans, additional foci of chloroquine resistant strain discovered in Indonesia, responsive to single-dose therapy with sulfadoxine-pyrimethamine or sulfamonomethoxine-pyrimethamine

Pyrimethamine (Daraprim)
Ekmen, H.; and Altintas, K., 1972, Mikrobiyol. Bul., v. 6 (4), 433-438
Toxoplasma gondii, women suffering habitual abortions, changes in antibody titers and decreased stillbirths after treatment with pyrimethamine and sulfamides during pregnancy: Turkey

Pyrimethamine + Sulfadoxine sulfamide (= Fansidar)
Felix, H., 1973, Medecine Afrique Noire, v. 20 (10), 769-775
human Plasmodium falciparum, advantages of combined use of sulfadoxine and pyrimethamine in treatment, comparison with quinine

Pyrimethamine
George, C. R. P.; Parbtani, A.; and Cameron, J. S., 1976, J. Path., v. 120 (4), 235-249
Plasmodium berghei yoelii in mouse model, nephropathy and immunologic responses before and after antimalarial, immunosuppressive and anticoagulant therapy

Pyrimethamine -- Continued.

Pyrimethamine
Glew, R. H.; et al., 1974, J. Infect. Dis., v. 129 (4), 385-390
Plasmodium falciparum in young girl, strain with resistance to chloroquine, quinacrine, pyrimethamine and chlorguanide, radical cure obtained with pyrimethamine and sulfadiazine in combination; delayed primary attack with Plasmodium vivax: Maryland (had traveled and engaged in field work in remote area of eastern Colombia)

Pyrimethamine + Sulfadiazine
Glew, R. H.; et al., 1974, J. Infect. Dis., v. 129 (4), 385-390
Plasmodium falciparum in young girl, strain with resistance to chloroquine, quinacrine, pyrimethamine and chlorguanide, radical cure obtained with pyrimethamine and sulfadiazine in combination; delayed primary attack with Plasmodium vivax: Maryland (had traveled and engaged in field work in remote area of eastern Colombia)

Pyrimethamine-Sulfadoxine (=Fansidar)
Hall, A. P.; et al., 1977, Brit. Med. J. (6077), v. 1, 1626-1628
human falciparum malaria, comparison drug trials using quinine + fansidar or quinine + mefloquine in treatment of chloroquine resistant infection, both effective with few side effects: Thailand

Pyrimethamine (with Chloroquine phosphate and Sulfisoxazole)
Hall, A. P.; Arnold, J. D.; and Martin, D. C., 1974, Southeast Asian J. Trop. Med. and Pub. Health, v. 5 (1), 128-131
human falciparum malaria, clinical trials comparing quinine and chloroquine regimens (both drugs given with associated pyrimethamine and sulfa) in U.S. troops in Vietnam and volunteers in the United States; combinations using quinine most successful

Pyrimethamine (with Quinine sulfate and Dapsone)
Hall, A. P.; Arnold, J. D.; and Martin, D. C., 1974, Southeast Asian J. Trop. Med. and Pub. Health, v. 5 (1), 128-131
human falciparum malaria, clinical trials comparing quinine and chloroquine regimens (both drugs given with associated pyrimethamine and sulfa) in U.S. troops in Vietnam and volunteers in the United States; combinations using quinine most successful

Pyrimethamine (with Quinine sulfate and Sulfisoxazole)
Hall, A. P.; Arnold, J. D.; and Martin, D. C., 1974, Southeast Asian J. Trop. Med. and Pub. Health, v. 5 (1), 128-131
human falciparum malaria, clinical trials comparing quinine and chloroquine regimens (both drugs given with associated pyrimethamine and sulfa) in U.S. troops in Vietnam and volunteers in the United States; combinations using quinine most successful

Pyrimethamine -- Continued.

Pyrimethamine
Harland, P. S. E. G.; Frood, J. D. L.; and Parkin, J. M., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (2), 261-262
human Plasmodium falciparum, prophylactic monthly doses of pyrimethamine given to children in endemic area did not prevent all episodes of severe malaria but were associated with lower antibody titers (possibly resulting from chloroquine therapy prescribed for febrile illnesses): Uganda

Pyrimethamine
Hart, L. T.; Dimopoullos, G. T.; and Mandhare, K. S., 1973, Avian Dis., v. 17 (4), 752-757
Plasmodium lophurae, pyrimethamine, effect on in vitro incorporation of sodium acetate by lipids of blood from normal and infected ducks, inhibition of lipolysis in both normal and infected blood

Pyrimethamine
Heischkeil, R., 1973, Ztschr. Tropenmed. u. Parasitol., v. 24 (4), 505-516
Plasmodium vinckei, chemotherapeutic activity of selected antagonists of folic acid metabolism with special reference to structure-activity relationships, comparison with some standard antimalarials; some compounds also exert noxious effect on host

Daraprim
Hunstad, N., 1969, Tidsskr. Norske Laegefor., v. 89 (23), 1804-1805
toxoplasmosis, lymphatic infection in woman presenting and treated as tuberculosis, successfully treated with daraprim after correct diagnosis with dye test: Norway (native of Iran)

Pyrimethamine + Pentamidine
Ivady, G., 1976, Monatschr. Kinderh., v. 124 (7), 577-581
Pneumocystis carinii pneumonia, differentiation into type affecting premature infants and type affecting immunodeficient adults and children, prophylaxis and treatment with pentamidine, pyrimethamine, sulfamethazole

Pyrimethamine + Sulfamethazole
Ivady, G., 1976, Monatschr. Kinderh., v. 124 (7), 577-581
Pneumocystis carinii pneumonia, differentiation into type affecting premature infants and type affecting immunodeficient adults and children, prophylaxis and treatment with pentamidine, pyrimethamine, sulfamethazole

Pyrimethamine
Ivady, G.; and Paldy, L., 1976, National Cancer Inst. Monograph (43), 201-209
Pneumocystis carinii pneumonia in infancy, pentamidine alone or in combination with pyrimethamine recommended as therapy along with supportive treatment: Hungary

Pyrimethamine -- Continued.

Pyrimethamine + Sulformethoxine (= Fansidar)
Jaroonvesama, N.; Harinasuta, T.; and Muangmanee, L., 1974, Southeast Asian J. Trop. Med. and Pub. Health, v. 5 (4), 504-509
Plasmodium falciparum, humans, case reports of 3 persons unsuccessfully treated with quinine, probable quinine-resistant strain, recrudescences or poor responses to therapy, complete cures only after fansidar therapy: Thailand

Fansidar + Spiramycin
Kaeser, H. E.; Dietrich, R.; and Kocher, R., 1977, Schweiz. Med. Wchnschr., v. 107 (42), 1482-1487
Toxoplasma gondii involving the human nervous system, diagnosis by indirect immunofluorescence or morphologic identification of organism in spinal fluid, clinical case reports, recommendations for therapy with fansidar combined with spiramycin

Chloridine
Kotin, A. M.; and Chebotar, N. A., 1976, Ontogenez, v. 7 (3), 239-245
nucleic acid synthesis in rat embryos with respect to teratogenic effects of the antimalarial drug chloridine

Pyrimethamine
Lau, W. K.; Young, L. S.; and Remington, J. S., 1976, J. Am. Med. Ass., v. 236 (21), 2399-2402
Pneumocystis carinii, human pneumonia, diagnosis by examination of pulmonary secretions, co-trimoxazole or pentamidine alone or with sulfadiazine-pyrimethamine: California

Daraprim + Bayrena
Laudanski, T., 1974, Polski Tygod. Lekar., v. 29 (32), 1389-1390
Toxoplasma gondii causing habitual abortion in women successfully treated with daraprim in conjunction with rovamycin or bayrena, normal healthy newborns delivered after therapy: Poland

Daraprim + Rovamycin
Laudanski, T., 1974, Polski Tygod. Lekar., v. 29 (32), 1389-1390
Toxoplasma gondii causing habitual abortion in women successfully treated with daraprim in conjunction with rovamycin or bayrena, normal healthy newborns delivered after therapy: Poland

Pyrimethamine
Lenzi, E., 1976, Patol. e Clin. Ostet. e Ginec., v. 4 (2), 95-98
human toxoplasmosis and association with habitual abortion, value of systematic evaluation for toxoplasmosis in cases of abortion and prophylactic therapy with pyrimethamine: Italy

Pyrimethamine -- Continued.

Pyrimethamine + Sulphadoxine (= Fansidar)
Lewis, A. N.; and Ponnampalam, J. T., 1975, Ann. Trop. Med. and Parasitol., v. 69 (1), 1-12
Plasmodium falciparum, P. vivax, suppression of malaria with monthly administration of combined sulphadoxine and pyrimethamine, compared with control groups on placebo and on weekly chloroquine, no serious side effects observed

Pyrimethamine
McHardy, N.; Haigh, A. J. B.; and Dolan, T. T., 1976, Nature, London (5562), v. 261, 698-699
Theileria parva, drug screening in vitro, only Menoctone showed appreciable activity, subsequent tests in cattle artificially infected with ECF confirmed activity of Menoctone against the disease, mode of action not clear but seems to act against schizont or earlier stages and probably along a widely occurring biochemical pathway

Chloridine
Madatov, R. I.; and Mershchiev, V. M., 1973, Vestnik Sel'skokhoz. Nauki Kazakhstana (11), 75-78
nosematosis, bees, chemotherapy, sulfapyridazine + chlortetracyclin most effective

Pyrimethamine + Sulfadiazine
Masson, R.; et al., 1975, Nouv. Presse Med., v. 4 (35), 2499-2502
cerebral toxoplasmosis with pseudo-tumoral symptoms of meningoencephalitis in immunologically compromised persons, clinical aspects, sulphadiazine-pyrimethamine therapy: Paris

Pyrimethamine
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

Pyrimethamine + Sulfomethoxypyrazine
Matuschka, F. R., 1977, Zentralbl. Bakteriol., 1. Abt. Orig., Reihe A, v. 238 (3), 419-429
Toxoplasma gondii cysts in Mastomys natalensis (brain) (exper.), sulfomethoxypyrazine + pyrimethamine, no endodyogeny observed on treated cysts, effects on cyst ultrastructure, scanning and transmission electron microscopy

Daraprim
Munir, M.; et al., 1976, Paediat. Indonesiana, v. 16 (11-12), 489-495
Plasmodium falciparum cerebral malaria in children, possible relationships between malarial infection and nutritional state; use of heparin as adjunct to malarial therapy shows promising results in small clinical trial: Indonesia

Pyrimethamine -- Continued.

Pyrimethamine
Neal, R. A., 1976, Ann. Trop. Med. and Parasitol., v. 70 (2), 252
Leishmania mexicana, mice (exper.), suppression of developing lesions by sodium stibogluconate but not by pyrimethamine

Pyrimethamine + Sulfadoxine (= Fansidar)
O'Holohan, D. R.; Dondero, T. J., jr.; and Ponnampalam, J. T., 1973, Med. J. Malaysia, v. 27 (4), 310
fansidar excellent drug for treatment of chloroquine resistant malaria but use as prophylaxis is experimental and not recommended

Pyrimethamine + Diformyldapsone
Pearlman, E. J.; et al., 1977, Am. J. Trop. Med. and Hyg., v. 26 (6, part 1), 1108-1115
Plasmodium falciparum, P. vivax, chloroquine resistant strains, field trials comparing efficacy of pyrimethamine combined with either sulfadoxine or diformyldapsone: Thailand

Pyrimethamine + Sulfadoxine
Pearlman, E. J.; et al., 1977, Am. J. Trop. Med. and Hyg., v. 26 (6, part 1), 1108-1115
Plasmodium falciparum, P. vivax, chloroquine resistant strains, field trials comparing efficacy of pyrimethamine combined with either sulfadoxine or diformyldapsone: Thailand

Pyrimethamine
Pearlman, E. J.; Thiemanun, W.; and Castaneda, B. F., 1975, Am. J. Trop. Med. and Hyg., v. 24 (6, pt. 1), 901-909
Plasmodium falciparum, P. vivax, chemosuppressive field trials testing efficacy of diformyldapsone alone and in combination with pyrimethamine, comparisons with dapsone and pyrimethamine: Thailand

Pyrimethamine + Dapsone
Pearlman, E. J.; Thiemanun, W.; and Castaneda, B. F., 1975, Am. J. Trop. Med. and Hyg., v. 24 (6, pt. 1), 901-909
Plasmodium falciparum, P. vivax, chemosuppressive field trials testing efficacy of diformyldapsone alone and in combination with pyrimethamine, comparisons with dapsone and pyrimethamine: Thailand

Pyrimethamine + Diformyldapsone
Pearlman, E. J.; Thiemanun, W.; and Castaneda, B. F., 1975, Am. J. Trop. Med. and Hyg., v. 24 (6, pt. 1), 901-909
Plasmodium falciparum, P. vivax, chemosuppressive field trials testing efficacy of diformyldapsone alone and in combination with pyrimethamine, comparisons with dapsone and pyrimethamine: Thailand

Pyrimethamine -- Continued.

Pyrimethamine + Sulfadoxine (= Fansidar)
Peck, C. C.; Lewis, A. N.; and Joyce, B. E., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 141-146
Fansidar (pyrimethamine + sulfadoxine) administered once monthly as a malaria suppressant, time course of serum sufadoxine concentrations after monthly doses attests to pharmacokinetic rationale for such infrequent dosing

Pyrimethamine (Daraprim)
Pennoit, H.; Lameire, N.; and de Tollenaere, G., 1970, Nederl. Tijdschr. Geneesk., v. 114 (31), 1288-1291
acute toxoplasmosis in woman undergoing corticosteroid treatment for sarcoidosis of the lung, suppression after second course of treatment with sulfadimethoxine, spiramycine, and pyrimethamine; recommendation that patients treated with corticosteroids be subjected regularly to serological tests for toxoplasmosis

Pyrimethamine
Peters, W., 1973, Ann. Trop. Med. and Parasitol., v. 67 (2), 155-167
Plasmodium berghei, different drug-sensitive and -resistant strains, blood schizontocidal action of 3 newer sulphonamides selected for low antibacterial activity, alone or potentiated with pyrimethamine or proguanil

Pyrimethamine
Peters, W.; et al., 1977, Ann. Trop. Med. and Parasitol., v. 71 (4), 407-418
Plasmodium berghei, chloroquine sensitive and resistant strains, or mixed infections with P. yoelii nigeriensis, efficacy and mode of action of mefloquine in mice (exper.), evidence of potent blood schizontocide with effects enhanced by addition of pyrimethamine, sulfaphenazole or primaquine

Pyrimethamine
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

Pyrimethamine
Peters, W.; and Porter, M., 1976, Ann. Trop. Med. and Parasitol., v. 70 (3), 271-281
Plasmodium berghei, drug trials with mice comparing activity of WR 122,455 against drug resistant strains with activity of common antimalarials

Pyrimethamine -- Continued.

Pyrimethamine
Peters, W.; Portus, J. H.; and Robinson, B. L., 1973, Ann. Trop. Med. and Parasitol., v. 67 (2), 143-154
Plasmodium berghei, effect of chloroquine on development of resistance to sulphaphenazole, effect of other sulphonamides on sulphaphenazole-resistant line, effect of chloroquine on development of resistance to pyrimethamine, effect of chloroquine-pyrimethamine combination against chloroquine resistant strain first attacked with chloroquine alone

Pyrimethamine
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

Pyrimethamine
Peters, W.; Portus, J.; and Robinson, B. L., 1977, Ann. Trop. Med. and Parasitol., v. 71 (4), 419-427
Plasmodium berghei, mice (exper.), studies on development of resistance to mefloquine and possible means of slowing down resistance process by mixing mefloquine with pyrimethamine, sulfaphenazole or primaquine; recommendation that mefloquine be used only to treat chloroquine resistant P. falciparum

Pyrimethamine + Sulfametopyrazine (= Antemal)
Picq, J. J.; Charmot, G.; and Ricosse, J. H., 1972, Medecine Trop., v. 32 (4), 527-546
"semi-immune" humans with acute attacks of Plasmodium falciparum, comparison drug trials using antemal and nivaquine, biochemical reactions of drug agents on trophozoites

Pyrimethamine (Daraprim)
Platzer, E. G., 1974, J. Protozool., v. 21 (2), 400-405
Plasmodium lophurae, dihydrofolate reductase in parasite and in duckling erythrocytes, temporal changes in activity, isolation, properties, sensitivity to pyrimethamine inhibition

Pyrimethamine + Dapsone (= Maloprim)
Ponnampalam, J. T.; Seow, C. L.; and Roy, O. S., 1976, J. Trop. Med. and Hyg., v. 79 (10), 220-225
human malaria prophylaxis, controlled study comparing efficacy of dapsone combined with pyrimethamine (Maloprim) to that of chloroquine for use in long-term chemosuppression of infection: Malaysia

Pyrimethamine -- Continued.

Pyrimethamine + Sulfamonomethoxine
Ramos, O. L.; and Cabrera, B. D., 1972, Southeast Asian J. Trop. Med. and Pub. Health, v. 3 (4), 562-568
Plasmodium falciparum, P. vivax, humans, evaluation of blood schizonticidal and radical curative activities of sulfamonomethoxine alone or combined with pyrimethamine in strains resistant and sensitive to chloroquine

Pyrimethamine
Richards, W. H. G.; and Williams, S. G., 1973, Ann. Trop. Med. and Parasitol., v. 67 (2), 179-190
Plasmodium berghei, in vitro evaluation of drug activities using whole blood vs. leucocyte-free blood-dilution cultures and ^{3}H-leucine uptake, comparison with P. knowlesi

Pyrimethamine
Rosario, V. E., 1976, Nature (5561), v. 261, 585-586
Plasmodium chabaudi, genetic basis of chloroquine resistance investigated in crosses between lines differing additionally in pyrimethamine-susceptibility

Pyrimethamine
Rosario, V. E.; et al., 1976, Tr. Roy. Soc. Trop. Med. and Hyg., v. 70 (4), 287 [Demonstration]
Plasmodium chabaudi capacity of drug-resistant forms to compete with drug-sensitive forms in absence of drug pressure, pyrimethamine-resistant mutants are at disadvantage compared to sensitive forms but chloroquine-resistant mutants appear to outgrow sensitive forms

Fansidar
Rottembourg, J.; et al., 1977, Nouv. Presse Med., v. 6 (10), 819-823
Pneumocystis carinii pneumonia in immunocompromised patient after cardiac transplantation, diagnosis by pulmonary biopsy, treatment with pentamidine, fansidar: France

Pyrimethamine + Sulfadoxine (= Fansidar)
Ryan, B. P., 1975, Med. J. Australia, v. 1 (4), 101-103
clinical trials using combined sulfadoxine and pyrimethamine to treat human Plasmodium falciparum: Vietnam

Pyrimethamine
Saari, M.; et al., 1976, Arch. Ophth., Chicago, v. 94 (9), 1485-1488
toxoplasmic chlorioretinitis accompanying acute acquired systemic infection, case report of man probably infected through saliva or nasal secretions of infected cow, treated with pyrimethamine in conjunction with sulfadiazine and prednisone: Finland

Pyrimethamine -- Continued.

Pyrimethamine
Schmidt, L. H., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (4), 446-474
Plasmodium falciparum and Plasmodium vivax in Aotus trivirgatus as model systems for chemotherapeutic studies, handling of animals, course of infections and response to standard antimalarial drugs compared with that in man, use of model in assessing activities of new agents and drug resistance

Pyrimethamine + Sulfadiazine
Schmidt, L. H.; et al., 1977, Am. J. Trop. Med. and Hyg., v. 26 (5, part 1), 837-849
Plasmodium cynomolgi in Macaca mulatta, P. vivax and P. falciparum in Aotus trivirgatus griseimembra (both exper.), therapeutic potentiation with combinations of pyrimethamine and sulfonamides, good response in pyrimethamine susceptible and resistant strains except for Malayan Camp and Vietnam Smith strains of P. falciparum

Pyrimethamine + Sulfadoxine
Schmidt, L. H.; et al., 1977, Am. J. Trop. Med. and Hyg., v. 26 (5, part 1), 837-849
Plasmodium cynomolgi in Macaca mulatta, P. vivax and P. falciparum in Aotus trivirgatus griseimembra (both exper.), therapeutic potentiation with combinations of pyrimethamine and sulfonamides, good response in pyrimethamine susceptible and resistant strains except for Malayan Camp and Vietnam Smith strains of P. falciparum

Pyrimethamine + Sulfalene
Schmidt, L. H.; et al., 1977, Am. J. Trop. Med. and Hyg., v. 26 (5, part 1), 837-849
Plasmodium cynomolgi in Macaca mulatta, P. vivax and P. falciparum in Aotus trivirgatus griseimembra (both exper.), therapeutic potentiation with combinations of pyrimethamine and sulfonamides, good response in pyrimethamine susceptible and resistant strains except for Malayan Camp and Vietnam Smith strains of P. falciparum

Pyrimethamine + Sulfamethoxypyridazine
Schmidt, L. H.; et al., 1977, Am. J. Trop. Med. and Hyg., v. 26 (5, part 1), 837-849
Plasmodium cynomolgi in Macaca mulatta, P. vivax and P. falciparum in Aotus trivirgatus griseimembra (both exper.), therapeutic potentiation with combinations of pyrimethamine and sulfonamides, good response in pyrimethamine susceptible and resistant strains except for Malayan Camp and Vietnam Smith strains of P. falciparum

Pyrimethamine + Diaminodiphenylsulphone (= Maloprim)
Segal, H. E.; et al., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (1), 139-142
Plasmodium falciparum in humans, clinical trials comparing efficacy of diaminodiphenylsulphone + pyrimethamine and sulfadoxine + pyrimethamine: Northeast Thailand

Pyrimethamine -- Continued.

Pyrimethamine + Sulfadoxine
Segal, H. E.; et al., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (1), 139-142
Plasmodium falciparum in humans, clinical trials comparing efficacy of diaminodiphenylsulphone + pyrimethamine and sulfadoxine + pyrimethamine: Northeast Thailand

Pyrimethamine (Daraprim)
Shanta, C. S.; and Wan, S. P., 1976, Malaysian Vet. J., v. 6 (2), 45-49
Plasmodium juxtanucleare, chickens (exper.), pyrimethamine at various concentrations, not effective in eliminating parasite from peripheral circulation, only useful for reducing parasitaemia in younger birds thereby lowering morbidity and mortality rates

Pyrimethamine + Sulfadoxine (= Fansidar)
Shanta, C. S.; Wan, S. P.; and Kwong, K. H., 1977, Kajian Vet., v. 9 (1), 14-18
Plasmodium juxtanucleare, chickens (exper.), sulfadoxine + pyrimethamine, good results

Pyrimethamine (Daraprim)
Sheffield, H. G.; and Melton, M. L., 1975, J. Parasitol., v. 61 (4), 704-712
Toxoplasma gondii, fine structure and multiplication in cell cultures, effects of pyrimethamine and sulfadiazine singly and in combination

Pyrimethamine + Sulfadiazine
Sheffield, H. G.; and Melton, M. L., 1976, Am. J. Trop. Med. and Hyg., v. 25 (3), 379-383
Toxoplasma gondii, intestinal development in cats, effect of combined pyrimethamine and sulfadiazine treatment, prolonged prepatent period, shortened patent period, inhibition of oocyst excretion, infection induced immunity to oocyst-producing reinfection in both control and treated cats

Pyrimethamine
Sherman, I. W., 1976, Comp. Biochem. and Physiol., v. 53 (4B), 447-450
Plasmodium knowlesi ribosomes, development of highly active cell-free protein synthesizing system, use in assaying antimalarials

Pyrimethamine
Tin, F.; and Nyunt Hlaing, 1977, Southeast Asian J. Trop. Med. and Pub. Health, v. 8 (1), 104-112
Plasmodium falciparum, humans, proposed new treatment regimens for recently discovered infections resistant to standard doses of chloroquine, pyrimethamine, and proguanil: Burma

Pyrimethamine + Dapsone
Tin, F.; and Nyunt Hlaing, 1977, Southeast Asian J. Trop. Med. and Pub. Health, v. 8 (1), 104-112
Plasmodium falciparum, humans, proposed new treatment regimens for recently discovered infections resistant to standard doses of chloroquine, pyrimethamine, and proguanil: Burma

Pyrimethamine -- Continued.

Pyrimethamine + Sulfadoxine
Tin, F.; and Nyunt Hlaing, 1977, Southeast Asian J. Trop. Med. and Pub. Health, v. 8 (1), 104-112
Plasmodium falciparum, humans, proposed new treatment regimens for recently discovered infections resistant to standard doses of chloroquine, pyrimethamine, and proguanil: Burma

Pyrimethamine + Acetarsol + Dapsone (=Cozurone)
Vassiliades, G.; and Toure, S. M., 1975, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 28 (4), 481-489
digestive strongylosis, sheep, morantel tartrate, with or without anticoccidian drug (Cozurone), good control of all except Strongyloides

Pyrimethamine
Vethanyagam, A.; and Bryceson, A. D. M., 1977, Tr. Roy. Soc. Trop. Med. and Hyg., v. 70 (5-6), 1976, 524-525
Toxoplasma gondii in man presenting and treated as hepatitis with mixed Giardia lamblia infection, later diagnosis of active acquired toxoplasmosis and treatment with pyrimethamine and sulfadimidine resolved condition: Great Britain

Pyrimethamine
Wang, C. C.; Stotish, R. L.; and Poe, M., 1975, J. Protozool., v. 22 (4), 564-568
Eimeria tenella oocysts, dihydrofolate reductase, isolation and purification, kinetic parameters and molecular weight estimate; pyrimethamine is potent inhibitor of activity of E. tenella dihydrofolate reductase but less effective inhibitor of dihydrofolate reductase of chicken liver, difference may explain in vivo therapeutic action of pyrimethamine, opposite results with methotrexate

Pyrimethamine
Werner, H.; and Catar, G., 1974, Tropenmed. u. Parasitol., v. 25 (3), 313-317
Toxoplasma gondii, mice, SDDS in combination with pyrimethamine or sulfamonomethoxine, possible to prevent formation of cysts but not to eliminate cysts from chronic infections

Pyrimethamine + Sulfadiazine
Whisnant, J. K.; and Buckley, R. H., 1976, National Cancer Inst. Monograph (43), 211-217
Pneumocystis carinii pneumonia, successful pyrimethamine-sulfadiazine therapy in infants with X-linked immunodeficiency with hyper-IgM

Pyrimethamine + Sulfadiazine
Young, R. C.; and DeVita, V. T., jr., 1976, National Cancer Inst. Monograph (43), 193-200
Pneumocystis carinii pneumonia in humans, randomized clinical trial comparing relative merits of pentamidine isethionate and pyrimethamine + sulfadiazine in treatment, comparative toxicity

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Pyrimethamine derivatives
Rees, R. W. A.; et al., 1976, J. Med. Chem., v. 19 (5), 723-725
13 analogs of pyrimethamine tested in Plasmodium berghei-infected mice, the more potent drugs were then tested in Plasmodium gallinaceum-infected chicks, promising activity

Pyrimithate (Diothyl)
Bigg, D. C. H.; and Purvis, S. R., 1976, Nature, London (5565), v. 262, 220-222
8 muscarinic agonists (compared with nicotine and pyrimithate), activity against Boophilus microplus, possible new class of acaricide

Pyrithidium bromide. See Prothidium.

N-Pyrrolidinomethyl tetracycline. See Rolitetracycline.

Pyrvinium -- Bis-6-dimethylamino-2-[2-(2,5-dimethyl-1-phenyl-pyrroyl-3-yl) vinyl]-1-methylquinolinium pamoate; CI-578 (with Piperazine); 6-Dimethylamino-2-[2/2,5-dimethyl-1-phenyl-3-pyrroyl/vinyl]-1-methylquinolinium embonate; Molewac; Pomorin; Povan; Povanyl; Pyrvinium embonate; Pyrvinium pamoate; Pyrvinium suspension; Vanpar (with Piperazine hexahydrate); Vanquil; Vanquin; Viprinium embonate; Viprynium embonate.

Pyrvinium suspension (Pyrvinium embonate; Viprinium embonate)
Asmera, J.; et al., 1971, Ceskoslov. Pediat., v. 26 (9), 456-458
Enterobius vermicularis in young children, comparative clinical trials using pyrvinium suspension (Spofa) and vanquin (Parke-Davis), no significant difference between drugs: Czechoslovakia

Vanquin
Asmera, J.; et al., 1971, Ceskoslov. Pediat., v. 26 (9), 456-458
Enterobius vermicularis in young children, comparative clinical trials using pyrvinium suspension (Spofa) and vanquin (Parke-Davis), no significant difference between drugs: Czechoslovakia

Pyrvinium pamoate + Piperazine (= CI-578)
Botero, D.; Orozco, H. I.; and Perez, A., 1966, Bol. Chileno Parasitol., v. 21 (4), 111-114
Ascaris lumbricoides and Enterobius vermicularis in children, evaluation of combination syrup containing piperazine and pyrvinium in treatment of infections

Vanquin (Molewac; Povan; Povanyl; Pomorin; Vanquil)
Brus, R.; et al., 1976, Polski Tygod. Lekar., v. 31 (5), 195-197
Enterobius vermicularis in children, comparative mass clinical trials with vanquin and combantrin; combantrin indicated as drug of choice since it was slightly more effective than vanquin and also effective against Ascaris lumbricoides: Cieszyn County, Poland

Pyrvinium -- Continued.

Viprynium embonate (Vanquin)
Carney, D. E.; O'Reilly, B. J.; and Tweddell, E. D., 1971, Med. J. Australia, v. 2 (5), 254-256
human enterobiasis, comparative clinical trials using pyrantel embonate and viprynium embonate: Australia

Pyrvinium pamoate
Cervova, H., 1973, Ceskoslov. Pediat., v. 28 (1), 43
Enterobius vermicularis in kindergarten-age children successfully treated with pyrvinium pamoate suspension: Czechoslovakia

Pyrvinium pamoate
Coles, G. C.; and McNeillie, R. M., 1977, J. Helminthol., v. 51 (4), 323-326
dietary feeding of drugs for 5 days to mice infected with Nematospiroides dubius and Hymenolepis nana detected all modern anthelmintics examined except stilbazium; simple test using N. spathiger eggs and Nippostrongylus brasiliensis adults to detect anthelmintics in vitro

Pyrvinium embonate (Povanyl)
Diop, B.; and Bao, O., 1974, Medecine Afrique Noire, v. 21 (1), 31-40
human intestinal helminths, clinical indications for treatment, suggested dosage, efficacy, tolerances, possible toxicities

Pyrvinium embonate (Vanquin)
Dufek, M.; and Rakosnikova, M., 1973, Ceskoslov. Pediat., v. 28 (5), 264-265
Enterobius vermicularis in children, successful clinical trials with pyrvinium suspension, 91.5% cure rate: Praha

Pyrvinium pamoate + Piperazine hexahydrate (= Vanpar)
Joshi, V. S.; et al., 1975, Pediat. Clin. India, v. 10 (3), 171-173
children with ascariasis or enterobiasis, successful therapy with vanpar: Pune, India

Pyrvinium pamoate (Povan)
Leland, S. E., jr.; et al., 1975, Am. J. Vet. Research, v. 36 (4), Part 1, 449-456
Cooperia punctata, in vitro-grown parasitic stages, evaluation of 28 anthelmintics using presumptive and confirmatory tests, comparison of in vitro potency with established in vivo activity against Cooperia and various other parasites, potential usefulness as preliminary screening method

Pyrvinium pamoate (Povan)
Lessig, P. M., 1973, Maternal and Child Health, v. 5 (11), 12-13
Enterobius vermicularis, diagnosis, control measures, eradication, humans

Pyrvinium -- Continued.

Pyrvinium (Povanyl)
Mougeot, G.; and Poirot, J. L., 1975, Nouv. Presse Med., v. 4 (20), 1509 [Letter]
Cheyletiella larvae causing persistent pruritus ani in man, relief of symptoms with betamethasone after previous therapy with pyrvinium and aphtiria unsuccessful: Paris

Pyrvinium embonate (Vanquin)
Palicka, P., 1971, Ceskoslov. Pediat., v. 26 (11), 563-565
enterobiasis, long-term follow-up of children treated with a single dose of pyrvinium embonate and recommendations for therapy: Czechoslovakia

Pyrvinium embonate
Pawlowski, Z.; Chwirot, E.; and Zizlawski, J., 1973, Polski Tygod. Lekar., v. 28 (8), 291-293
Enterobius vermicularis, adults and children, efficacy of combantrin compared with that of pyrvinium embonate

Pyrvinium pamoate (Vanquin)
Pazdziora, E., 1976, Ceskoslov. Epidemiol., Mikrobiol., Imunol., v. 25 (1), 50-55
Enterobius vermicularis, children's convalescent home, mass treatment with pyrvinium pamoate, 17% not cured could serve as permanent source of disease and must be treated with particular attention if enterobiasis is to be eliminated

Pyrvinium pamoate
Schenone, H.; et al., 1970, Bol. Chileno Parasitol., v. 25 (3-4), 118-122
single combined dose of pyrvinium and tetramisole effective in treating children with Enterobius vermicularis and mixed infections with Ascaris lumbricoides: Chile

Viprynium embonate (Vanquin)
Stuart, J. E.; and Welch, J. S., 1973, Med. J. Australia, v. 2 (22), 1017-1019
treatment trials with Aboriginal children infected with Trichuris trichiura using thiabendazole in combination with viprynium, no significant difference between treated and nontreated groups: Queensland, Australia

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Pyrvinium embonate. See Pyrvinium.

Pyrvinium pamoate. See Pyrvinium.

Pyrvinium suspension. See Pyrvinium.

Quellada. See Benzene hexachloride, Gamma.

Quinacrine -- Atabrine; Atebrin; 6-Chloro-9-[4-(diethylamino)-1-methylbutyl]amino-2 methoxyacridine dihydrochloride; Mepacrine; Mepacrine hydrochloride; Mepacrine methanesulphonate; 2-Methoxy-6-chloro-9-(4'-diethylamino-1'-methylbutylamino)-acridine; Quinacrine dihydrochloride; Quinacrine hydrochloride; WR 1543.

Mepacrine hydrochloride (Quinacrine)
Best, J. C.; et al., 1976, Med. J. Australia, v. 1 (1-2), 14-20
assessment of growth-rate and growth-retardation in Australian Aboriginal children before and after treatment for common intestinal parasites

Quinacrine dihydrochloride
Boorman, G. A.; et al., 1973, Lab. Animal Sc., v. 23 (2), 187-193
Hexamita muris, Giardia muris, potentially pathogenic in newly weaned mice, causing enteritis and mortality in association with normal intestinal bacterial flora, quinacrine dihydrochloride not effective in reducing mortality, dimetridazole effective

Quinacrine hydrochloride
Brightman, A. H. II; and Slonka, G. F., 1976, J. Am. Animal Hosp. Ass., v. 12 (4), 492-497
Giardia duodenalis, cats (feces), gastrointestinal illness, quinacrine hydrochloride, good results

Quinacrine hydrochloride (Atabrine)
Burke, J. A., 1977, C. R. C. Crit. Rev. Clin. Lab. Sc., v. 7 (4), 373-391
Giardia lamblia, extensive review of human giardiasis (history, life cycle, morphology, epidemiology, pathology, diagnosis, control, treatment)

Atabrine
Charoenlarp, P.; and Radomyos, P., 1973, Southeast Asian J. Trop. Med. and Pub. Health, v. 4 (2), 288 [Demonstration]
Raillietina siriraji in young child (stool), successful treatment with atabrine: Bangkok, Thailand

Atabrine
Chretien, J. H.; Esswein, J. C.; and Garagusi, V. F., 1973, Med. Ann. Dist. Columbia, v. 42 (8), 375-377
case reports of acute giardiasis in university students some of whom had not traveled outside the United States, clinical review, treatment with atabrine or flagyl

Quinacrine (Atabrine)
Cohen, R.; and Mackey, K., 1977, West. J. Med., San Francisco, v. 127 (4), 340-341
Hymenolepis diminuta infection in 5-year-old girl (feces), unresponsive to therapy with quinacrine but cured after 2 courses of niclosamide, clinical case report: California

Quinacrine -- Continued.

Quinacrine
Conklin, K. A.; and Chou, S. C., 1970, Science (3963), v. 170, 1213-1214
4 antimalarials, effects on in vitro and in vivo protein synthesis, results indicate primary effect is inhibition of amino acid uptake rather than direct inhibition of protein synthesis

Atebrin (WR 1543)
Davidson, D. E., jr.; et al., 1976, Am. J. Trop. Med. and Hyg., v. 25 (1), 26-33
Plasmodium cynomolgi var. bastianellii, trophozoite-induced malaria in Macaca mulatta as antimalarial drug testing system

Quinacrine dihydrochloride
Davidson, M. W.; et al., 1977, J. Med. Chem., v. 20 (9), 1117-1122
antimalarial action of quinolinemethanolamines as mefloquine, quinacrine, chloroquine and quinine does not involve interaction with DNA, reported results from laboratory study

Quinacrine
Glew, R. H.; et al., 1974, J. Infect. Dis., v. 129 (4), 385-390
Plasmodium falciparum in young girl, strain with resistance to chloroquine, quinacrine, pyrimethamine and chlorguanide, radical cure obtained with pyrimethamine and sulfadiazine in combination; delayed primary attack with Plasmodium vivax: Maryland (had traveled and engaged in field work in remote area of eastern Colombia)

Atebrin
Glisic, Lj.; Sretenovic, M.; and Simic, P., 1972, Acta Parasitol. Iugoslavica, v. 3 (1), 27-30
Taenia saginata, T. solium, results of treatment 1956-1970, new oral anthelmintics (especially yomesan) preferred to earlier methods, yomesan also efficient against Hymenolepis nana if continued for up to 10 days, humans

Atabrine
Gold, B. M.; and Meyers, M. A., 1977, Am. J. Roentgenol., v. 128 (3), 493-494
Taenia saginata, case report of tapeworm in butcher who routinely ate raw beef, radiologic manifestations and differentiation from Ascaris lumbricoides as seen on X-ray, atabrine: New York City

Quinacrine HCl
Goldberg, B.; et al., 1974, J. Protozool., v. 21 (2), 322-326
Leptomonas sp., inhibition by several standard antiprotozoal drugs of growth and oxygen uptake of cells and particulate preparations, possible use as model organism for screening antitrypanosomatid agents as compared to Crithidia fasciculata

Quinacrine -- Continued.

Quinacrine (Atabrine)
Gregory, P. B., 1976, Gastroenterology, v. 70 (4), 585-588
case report of refractory hepatic amoebiasis in man despite multiple courses of emetine, chloroquine, and metronidazole, final resolution of infection after treatment of Entamoeba histolytica intestinal infection with various drugs considered as probable cause of continuing reinfection of liver: California

Atabrine
Gryboski, J. D.; et al., 1968, Pediatrics, Am. Acad. Pediat., v. 42 (5), 833-837
Giardia lamblia, young boy with immunoglobulin A deficiency and intestinal nodular lymphoid hyperplasia, associated diarrhea of giardiasis cured with atabrine and plasma therapy, case report: New Haven, Connecticut

Quinacrine
Hanson, W. L.; Chapman, W. L., jr.; and Kinnamon, K. E., 1977, Internat. J. Parasitol., v. 7 (6), 443-447
Leishmania donovani in Mesocricetus auratus model, existing procedure modified to make possible screening of 10-15 selected compounds per week for antileishmanial activity, glucantime used as reference compound

Quinacrine hydrochloride
Hartong, W. A.; and Arvanitakis, C., 1977, J. Am. Med. Ass., v. 237 (11), 1078-1079 [Letter]
Giardia lamblia in humans, diagnosis by duodenal aspiration to obtain mucosal smear imprint of small bowel biopsy specimens, pathologic changes, decreased or absent immunoglobulins, reversal of morphologic and biochemical changes after metronidazole or quinacrine hydrochloride therapy

Mepacrine hydrochloride
Hill, J., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 421-427
Plasmodium berghei nigeriensis, screening compounds for causal prophylactic activity, 2 methods for testing compounds against tissue stages (one for compounds with little or no residual effect and one for those with prolonged residual effect), 9 compounds examined

Atebrine
Kuzak, K., 1971, Pediat. Polska, v. 46 (5), 635-637
giardiasis, psychotic disturbance in child after therapy with atebrine, case report: Warsaw, Poland

Quinacrine dihydrochloride (Atabrine)
Leland, S. E., jr.; et al., 1975, Am. J. Vet. Research, v. 36 (4), Part 1, 449-456
Cooperia punctata, in vitro-grown parasitic stages, evaluation of 28 anthelmintics using presumptive and confirmatory tests, comparison of in vitro potency with established in vivo activity against Cooperia and various other parasites, potential usefulness as preliminary screening method

Quinacrine -- Continued.

Mepacrine
McHardy, N.; Haigh, A. J. B.; and Dolan, T. T., 1976, Nature, London (5562), v. 261, 698-699
Theileria parva, drug screening in vitro, only Menoctone showed appreciable activity, subsequent tests in cattle artificially infected with ECF confirmed activity of Menoctone against the disease, mode of action not clear but seems to act against schizont or earlier stages and probably along a widely occurring biochemical pathway

Atabrine
Margono, S. S.; et al., 1977, Southeast Asian J. Trop. Med. and Pub. Health, v. 8 (2), 195-199
Raillietina sp., clinical aspects of infection in 8 children (feces) treated with atabrine or camoquine; comparative measurements and unsuccessful attempt at species identification: Jakarta, Indonesia

Mepacrine methane-sulphonate
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

Quinacrine
Nash, P. H., 1976, Canad. Med. Ass. J., v. 115 (1), 18-19 [Letter]
Giardia lamblia, children, erythromycin and quinacrine equally effective as therapy, comparative clinical trials

Quinacrine hydrochloride
Paine, T. F., jr.; and Gluck, F. W., 1976, J. Am. Med. Ass., v. 236 (21), 2425-2426
Giardia lamblia, woman, severe debilitating diarrhea, diagnostic problems, relationship to foreign travel, metronidazole, quinacrine, or furazolidone: Tennessee

Mepacrine
Palmer, R. M. J.; and Weatherall, M., 1977, Brit. J. Pharmacol., v. 59 (3), 472P
anti-malarial drugs, migration of horse leucocytes in vitro, inhibition of migration is neither specific to anti-malarial activity nor chemical structure

Mepacrine methane sulphonate
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

Mepacrine
Peters, W.; and Gregory, K. G., 1973, Ann. Trop. Med. and Parasitol., v. 67 (2), 133-141
Plasmodium berghei-like parasite, N67 strain, primary resistance to mepacrine

Quinacrine -- Continued.

Mepacrine methane sulphonate
Peters, W.; and Porter, M., 1976, Ann. Trop. Med. and Parasitol., v. 70 (3), 271-281
Plasmodium berghei, drug trials with mice comparing activity of WR 122,455 against drug resistant strains with activity of common antimalarials

Mepacrine methane sulphonate
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

Atabrine
Raizman, R. E., 1976, Am. J. Digest. Dis., n.s., v. 21 (12), 1070-1074
human Giardia lamblia, extensive review of current concepts of diagnosis, clinical management and treatment, association with immunodeficiency

Atebrine
Sherman, I. W., 1974, J. Protozool., v. 21 (3), 452 [Abstract]
Plasmodium knowlesi cell-free system, requirements for optimum protein synthesis, effect of various drugs

Atebrine
Sherman, I. W., 1976, Comp. Biochem. and Physiol., v. 53 (4B), 447-450
Plasmodium knowlesi ribosomes, development of highly active cell-free protein synthesizing system, use in assaying antimalarials

Quinacrine
Sherman, I. W.; and Jones, L. A., 1976, J. Protozool., v. 23 (2), 277-281
Plasmodium lophurae, reliable procedure for isolation of active ribosomes, optimal requirements for in vitro synthesis of proteins, effects of variety of drugs on duck reticulocyte and plasmodial ribosomes in cell-free protein-synthesizing systems (restricted selectivity not obtained)

Atebrin
Straka, S.; et al., 1977, Ceskoslov. Epidemiol., Mikrobiol., Imunol., v. 26 (1), 52-60
tapeworms, human, epidemiological analysis, geographical distribution, sex, age, social structure, occupation and clinical symptoms; transmission by raw meat, efficacy of anthelmintics: Slovak Socialist Republic

Mepacrine
Warhurst, D. C.; and Thomas, S. C., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 417-420
Plasmodium berghei, P. falciparum, localization of mepacrine by fluorescence microscopy

Quinacrine -- Continued.

Mepacrine
Warhurst, D. C.; and Thomas, S. C., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (1), 7-8 [Demonstration]
Plasmodium berghei in vitro, localization of mepacrine in merozoites

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Quinacrine dihydrochloride. See Quinacrine.

Quinacrine hydrochloride. See Quinacrine.

Quinapyramine -- Antricide prosalt; Antrycide; Antrycide methyl sulfate; Quinapyramine dimethosulphate.

Antrycide methyl sulfate
Bacchi, C. J.; et al., 1975, Antimicrob. Agents and Chemotherapy, v. 8 (6), 688-692
Leptomonas of insect origin, cross-resistance patterns of clones to a variety of medical and veterinary trypanocides and leishmanicides, potential as a model screening system

Antrycide
Bacchi, C.; et al., 1975, J. Protozool., v. 22 (3), 33A [Abstract]
Leptomonas, cross-resistance patterns of antrycide-resistant clones

Quinapyramine
Ehlers-Bhodigen, S.; Muangyai, M.; and Niti-Uthai, S., 1971, Southeast Asian J. Trop. Med. and Pub. Health, v. 2 (4), 585 [Demonstration]
Trypanosoma evansi infection in 6 dogs, clinical aspects, recovery after treatment with quinapyramine: Bangkok areas, Thailand

Quinapyramine
Fairlamb, A. H.; and Bowman, I. B. R., 1977, Exper. Parasitol., v. 43 (2), 353-361
Trypanosoma brucei, effect of suramin and other trypanocidal compounds on sn-glycerol-3-phosphate oxidase, results suggest this enzyme is one of principal sites of action of suramin in vivo

Antrycide methyl sulfate (Quinapyramine)
Goldberg, B.; et al., 1974, J. Protozool., v. 21 (2), 322-326
Leptomonas sp., inhibition by several standard antiprotozoal drugs of growth and oxygen uptake of cells and particulate preparations, possible use as model organism for screening antitrypanosomatid agents as compared to Crithidia fasciculata

Antrycide
Hill, G. C.; and Bonilla, C. A., 1974, J. Protozool., v. 21 (5), 632-638
Crithidia fasciculata, isolation of DNA-dependent RNA polymerases, purified nuclear and kinetoplast DNA can serve as templates for these RNA polymerases, this RNA synthesis is inhibited by several trypanocidal drugs, hybridization experiments revealed no homologies between Blastocrithidia culicis and Crithidia fasciculata K-DNA

Quinapyramine -- Continued.

Quinapyramine dimethosulphate
Kobayashi, A.; Soltys, M. A.; and Woo, P.T.K., 1976, Ann. Trop. Med. and Parasitol., v. 70 (1), 53-58
Trypanosoma congolense, sheep, diagnosis, comparison of various parasitological techniques (wet mount preparation; hematocrit centrifuge technique; mouse inoculation test) with various serological techniques (immunolysis test; indirect fluorescent antibody test; complement fixation test; immunoconglutination test), effect of treatment with quinapyramine dimethosulphate on diagnosis

Antrycide
Macadam, R. F.; and Williamson, J., 1974, Ann. Trop. Med. and Parasitol., v. 68 (3), 291-299
Trypanosoma rhodesiense, acriflavine, ethidium, antrycide, drug effects on fine structure

Antricide prosalt
Sreemannarayana, O., 1976, Livestock Advis., v. 1 (8), 37
trypanosomiasis, buffalo

Quinapyramine dimethosulphate. See Quinapyramine.

Quinimax. See Quinine.

Quinine -- Quinimax; Quinine bisulphate; Quinine dihydrochloride; Quinine hydrochloride; Quinine sulfate; Quinoforme; WR 2976.

Quinine (Quinoforme; Quinimax)
Badoual, J., 1973, Medecine Afrique Noire, v. 20 (6), 559-560
Plasmodium falciparum, neurological involvement in young infants, clinical aspects, quinine intravenously

Quinine
Bourgeade, A.; et al., 1975, Medecine Afrique Noire, v. 22 (12), 791-795
human malaria, frequent occurrence of tetanus after intramuscular injection with quinine: Ivory Coast

Quinine
Bourgeade, A.; and Bertrand, E., 1972, Medecine Afrique Noire, v. 19 (4), 377-380
quinine as drug of choice in human malarias, indications for use

Quinine sulfate or hydrochloride
Bruce-Chwatt, L. J., 1976, Munchen. Med. Wchnschr., v. 118 (35), 1097-1107
current recommendations for prophylaxis and control of human malaria

Quinine
Charmot, G., 1973, Medecine Afrique Noire, v. 20 (10), 745-751
human malaria, clinical indications for drug selection and treatment

Quinine -- Continued.

Quinine
Chin, W.; and Intraprasert, R., 1973, Southeast Asian J. Trop. Med. and Pub. Health, v. 4 (2), 245-249
human Plasmodium falciparum, sensitivity of Thai strain of malaria tested against quinine alone and in combinations with tetracycline and pyrimethamine

Quinine + Pyrimethamine + Tetracycline
Chin, W.; and Intraprasert, R., 1973, Southeast Asian J. Trop. Med. and Pub. Health, v. 4 (2), 245-249
human Plasmodium falciparum, sensitivity of Thai strain of malaria tested against quinine alone and in combinations with tetracycline and pyrimethamine

Quinine + Tetracycline
Chin, W.; and Intraprasert, R., 1973, Southeast Asian J. Trop. Med. and Pub. Health, v. 4 (2), 245-249
human Plasmodium falciparum, sensitivity of Thai strain of malaria tested against quinine alone and in combinations with tetracycline and pyrimethamine

Quinine sulfate
Clyde, D. F.; et al., 1976, J. Trop. Med. and Hyg., v. 79 (2), 38-41
chloroquine-resistant strain of Plasmodium falciparum from Indonesian New Guinea characterized in non-immune volunteers, resistant to most commonly used antimalarials, radical cure produced with mefloquine

Quinine + Sulphamethoxazole + Trimethoprim
Colwell, E. J.; Hickman, R. L.; and Kosakal, S., 1973, Ann. Trop. Med. and Parasitol., v. 67 (2), 125-132
Plasmodium falciparum, human, acute malaria, quinine-tetracycline, quinine-sulphamethoxazole-trimethoprim, onset of action, cure rate, cost, patient acceptability: Thailand

Quinine + Tetracycline
Colwell, E. J.; Hickman, R. L.; and Kosakal, S., 1973, Ann. Trop. Med. and Parasitol., v. 67 (2), 125-132
Plasmodium falciparum, human, acute malaria, quinine-tetracycline, quinine-sulphamethoxazole-trimethoprim, onset of action, cure rate, cost, patient acceptability: Thailand

Quinine
Colwell, E. J.; Neoypatimanondh, S.; and Sadudee, N., 1972, Southeast Asian J. Trop. Med. and Pub. Health, v. 3 (4), 496-500
Plasmodium falciparum, humans, clinical and parasitologic responses to quinine therapy show no evidence of quinine resistance in Central Thailand

Quinine
Conklin, K. A.; and Chou, S. C., 1970, Science (3963), v. 170, 1213-1214
4 antimalarials, effects on in vitro and in vivo protein synthesis, results indicate primary effect is inhibition of amino acid uptake rather than direct inhibition of protein synthesis

Quinine -- Continued.

Quinine (WR 2976)
Davidson, D. E., jr.; et al., 1976, Am. J. Trop. Med. and Hyg., v. 25 (1), 26-33
Plasmodium cynomolgi var. bastianellii, trophozoite-induced malaria in Macaca mulatta as antimalarial drug testing system

Quinine
Davidson, M. W.; et al., 1977, J. Med. Chem., v. 20 (9), 1117-1122
antimalarial action of quinolinemethanolamines as mefloquine, quinacrine, chloroquine and quinine does not involve interaction with DNA, reported results from laboratory study

Quinine
Davies, E. E.; Warhurst, D. C.; and Peters, W., 1974, Tr. Roy. Soc. Trop. Med. and Hyg., v. 68 (1), 4-5 [Demonstration]
Plasmodium berghei, ultrastructural changes after treatment with quinine or WR 122,455

Quinine dihydrochloride
Davies, E. E.; Warhurst, D. C; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 147-153
Plasmodium berghei berghei in mice, fine structural changes following treatment with quinine or WR 122,455, relationship of changes to drug mode of action

Quinine
Doberstyn, E. B.; et al., 1976, Am. J. Trop. Med. and Hyg., v. 25 (1), 14-19
Plasmodium falciparum, human, pyrimethamine alone ineffective, in combination with diformyldapsone not sufficiently active, in combination with sulfadoxine acceptable if preceded by short course of quinine

Quinine
Dykstra, W. G.; and Meszoely, C. A., 1975, J. Protozool., v. 22 (3), 17A [Abstract]
Plasmodium lophurae intraerythrocytic stages, quinine-induced morphological changes apparently specific for feeding stages

Quinine HCl
Einheber, A.; Palmer, D. M.; and Aikawa, M., 1976, Exper. Parasitol., v. 40 (1), 52-61
Plasmodium berghei, chloroquine-induced pigment clumping, inhibition and reversal by quinine, WR 33,063, WR 171,669, WR 30,090, and WR 142,490, possible application in assay for oral bioavailability of such candidate antimalarials

Quinine
Felix, H., 1973, Medecine Afrique Noire, v. 20 (10), 769-775
human Plasmodium falciparum, advantages of combined use of sulfadoxine and pyrimethamine in treatment, comparison with quinine

Quinine (dihydrochloride, bisulphate and sulphate)
Garnham, J. C.; et al., 1976, J. Trop. Med. and Hyg., v. 79 (12), 264-269
influence of salt form and tablet coating on release of quinine from tablets

Quinine -- Continued.

Quinine
Hall, A. P., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (3), 425 [Letter]
quinine and chloroquine appear to be antagonistic when given together for falciparum malaria in Southeast Asia

Quinine
Hall, A. P., 1977, Tr. Roy. Soc. Trop. Med. and Hyg., v. 71 (5), 367-379
Plasmodium falciparum, humans, pathophysiologic findings in severe infections, clinical management, guidelines for administration of chloroquine and quinine, extensive review

Quinine
Hall, A. P.; et al., 1977, Brit. Med. J. (6077), v. 1, 1626-1628
human falciparum malaria, comparison drug trials using quinine + fansidar or quinine + mefloquine in treatment of chloroquine resistant infection, both effective with few side effects: Thailand

Quinine sulfate (with Pyrimethamine and Dapsone)
Hall, A. P.; Arnold, J. D.; and Martin, D. C., 1974, Southeast Asian J. Trop. Med. and Pub. Health, v. 5 (1), 128-131
human falciparum malaria, clinical trials comparing quinine and chloroquine regimens (both drugs given with associated pyrimethamine and sulfa) in U.S. troops in Vietnam and volunteers in the United States; combinations using quinine most successful

Quinine sulfate (with Pyrimethamine and Sulfisoxazole)
Hall, A. P.; Arnold, J. D.; and Martin, D. C., 1974, Southeast Asian J. Trop. Med. and Pub. Health, v. 5 (1), 128-131
human falciparum malaria, clinical trials comparing quinine and chloroquine regimens (both drugs given with associated pyrimethamine and sulfa) in U.S. troops in Vietnam and volunteers in the United States; combinations using quinine most successful

Quinine
Heischkeil, R., 1973, Ztschr. Tropenmed. u. Parasitol., v. 24 (4), 505-516
Plasmodium vinckei, chemotherapeutic activity of selected antagonists of folic acid metabolism with special reference to structure-activity relationships, comparison with some standard antimalarials; some compounds also exert noxious effect on host

Quinine
Jaroonvesama, N.; Harinasuta, T.; and Muangmanee, L., 1974, Southeast Asian J. Trop. Med. and Pub. Health, v. 5 (4), 504-509
Plasmodium falciparum, humans, case reports of 3 persons unsuccessfully treated with quinine, probable quinine-resistant strain, recrudescences or poor responses to therapy, complete cures only after fansidar therapy: Thailand

Quinine -- Continued.

Quinine HCl
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

Quinine
Palmer, R. M. J.; and Weatherall, M., 1977, Brit. J. Pharmacol., v. 59 (3), 472P
anti-malarial drugs, migration of horse leucocytes in vitro, inhibition of migration is specific to neither anti-malarial activity nor chemical structure

Quinine 2 HCl
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

Quinine dihydrochloride
Peters, W.; and Porter, M., 1976, Ann. Trop. Med. and Parasitol., v. 70 (3), 271-281
Plasmodium berghei, drug trials with mice comparing activity of WR 122,455 against drug resistant strains with activity of common antimalarials

Quinine 2HCl
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

Quinine
Porter, M.; and Peters, W., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (1), 17 [Demonstration]
P[lasmodium] berghei berghei, two lines, development of resistance to WR 122,455, cross-resistance to quinine and possibly of one line also to chloroquine

Quinine dihydrochloride
Porter, M.; and Peters, W., 1976, Ann. Trop. Med. and Parasitol., v. 70 (3), 259-270
Plasmodium berghei, drug-sensitive strains successfully suppressed by WR 122,455, laboratory trials in mice comparing action with that of chloroquine and quinine

Quinine -- Continued.

Quinine
Schmidt, L. H., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (4), 446-474
Plasmodium falciparum and Plasmodium vivax in Aotus trivirgatus as model systems for chemotherapeutic studies, handling of animals, course of infections and response to standard antimalarial drugs compared with that in man, use of model in assessing activities of new agents and drug resistance

Quinine
Schmidt, L. H.; et al., 1977, Am. J. Trop. Med. and Hyg., v. 26 (6, part 1), 1116-1128
Plasmodium cynomolgi, rhesus monkeys, various 8-aminoquinolines in combination with blood schizonticidal drugs, total dose of 8-aminoquinoline administered (rather than duration of treatment) is primary determinant of radical curative activity

Quinine sulfate
Segal, H. E.; et al., 1974, Southeast Asian J. Trop. Med. and Pub. Health, v. 5 (4), 499-503
Plasmodium falciparum, humans, assessment of gastrointestinal function and quinine absorption, findings suggest minimal distortion of absorptive function of little clinical importance

Quinine
Sherman, I. W., 1974, J. Protozool., v. 21 (3), 452 [Abstract]
Plasmodium knowlesi cell-free system, requirements for optimum protein synthesis, effect of various drugs

Quinine
Sherman, I. W., 1976, Comp. Biochem. and Physiol., v. 53 (4B), 447-450
Plasmodium knowlesi ribosomes, development of highly active cell-free protein synthesizing system, use in assaying antimalarials

Quinine
Sherman, I. W.; and Jones, L. A., 1976, J. Protozool., v. 23 (2), 277-281
Plasmodium lophurae, reliable procedure for isolation of active ribosomes, optimal requirements for in vitro synthesis of proteins, effects of variety of drugs on duck reticulocyte and plasmodial ribosomes in cell-free protein-synthesizing systems (restricted selectivity not obtained)

Quinine
Smitskamp, H.; and Wolthuis, F. H., 1976, Nederl. Tijdschr. Geneesk., v. 120 (35), 1503-1505
human Plasmodium falciparum, recommendations for medical management of severe infection using intravenous quinine, improved microcirculation and prevention of edema: Rotterdam, Netherlands

Quinine -- Continued.

Quinine
Tin, F.; and Nyunt Hlaing, 1977, Southeast Asian J. Trop. Med. and Pub. Health, v. 8 (1), 104-112
Plasmodium falciparum, humans, proposed new treatment regimens for recently discovered infections resistant to standard doses of chloroquine, pyrimethamine, and proguanil: Burma

Quinine
Warhurst, D. C.; and Mallory, P., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (1), 20-21 [Demonstration]
binding site for antimalarial schizontocides, chloroquine and quinine apparently compete for same site, other drugs with side-chain similarities and sufficient lipophilicity may also compete

Quinine
Warhurst, D. C.; and Thomas, S. C., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (1), 15 [Demonstration]
stereochemical similarities between antimalarial schizontocides in relation to binding to receptor sites in intraerythrocytic malaria parasites

Quinine
Warhurst, D. C.; and Thomas, S. C., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (4), 428 [Demonstration]
Plasmodium berghei, chloroquine treatment in vitro causes digestive vesicles containing hemozoin to clump together, competitive inhibition of this clumping by quinine and oligomycin, possibility that clumping site is a membrane ATP-ase used by the intraerythrocytic parasite

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Quinine bisulphate. See Quinine.

Quinine dihydrochloride. See Quinine.

Quinine hydrochloride. See Quinine.

Quinine sulfate. See Quinine.

Quinoforme. See Quinine.

8-OH-Quinoline. See 8-Hydroxyquinoline.

Quinoline + Tetracycline + Emetine
Vakil, B. J.; and Dalal, N. J., 1974, Progr. Drug Research, v. 18, 353-364
Entamoeba histolytica, humans, techniques for comparative evaluation of amoebicidal drugs: sites of action, efficacy, side effects, and toxicity

Quinoline-3-derivatives
Djudovic, P.; et al., 1976, Pharmazie, v. 31 (12), 845-849
quinoline-3-, 6-methoxyquinoline-3-, and quinoxaline-2-derivatives, synthesis, activity against drug-sensitive and resistant strains of Plasmodium spp. in white mice and canaries, comparison with known antimalarials

Quinolines
Vakil, B. J.; and Dalal, N. J., 1974, Progr. Drug Research, v. 18, 353-364
Entamoeba histolytica, humans, techniques for comparative evaluation of amoebicidal drugs: sites of action, efficacy, side effects, and toxicity

Quinolinequinones
Wan, Y. P.; Porter, T. H.; and Folkers, K., 1974, Proc. National Acad. Sc., v. 71 (3), 952-956
inhibition of electron transfer mechanisms of Plasmodium by quinones, possible use as curative and prophylactic antimalarials, laboratory trials with experimental animals

Quinone phenanthroline. See Phanquone.

Quinoronium sulphate. See 1,3-Di-6-quinolylurea.

Quinoxaline-2-derivatives
Djudovic, P.; et al., 1976, Pharmazie, v. 31 (12), 845-849
quinoline-3-, 6-methoxyquinoline-3-, and quinoxaline-2-derivatives, synthesis, activity against drug-sensitive and resistant strains of Plasmodium spp. in white mice and canaries, comparison with known antimalarials

Quintiofos -- Oxinothiophos.

Oxinothiophos
Matthewson, M. D.; Wilson, R. G.; and Hammant, C. A., 1976, Bull. Entom. Research, v. 66 (4), 553-560
Boophilus decoloratus, resistance of 8 strains to organophosphorus and carbamate ixodicides, comparison with Berlin strain of B. decoloratus and Biarra strain of B. microplus: Rhodesia

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Quinuronium sulphate. See 1,3-Di-6-quinolylurea.

Quixalin. See Halquinol.

Radeverm. See Niclosamide.

Rafoxanide -- 3'-Chloro-4' (4-chloro-phenoxy)-
3,5-diiodosalicylanilide; 3,5-Diiodo-3'-
chloro-4'-(p-chlorophenoxy)-salicylanilide;
Flukanide; Ranide; Ranizole (with Thiabendazole).

Rafoxanide
Arru, E.; and Deiana, S., 1973, Ann. Fac. Med.
Vet. Torino, v. 20, Suppl., 28-32
F[asciola] hepatica, sheep, rafoxanide, good
results with 2 treatments: Sardinia

Rafoxanide (Ranide)
Bouchet, A.; Dupre, J. J.; and Rakotozanany,
E., 1974, Rev. Elevage et Med. Vet. Pays
Trop., n. s., v. 27 (3), 281-284
Oestrus ovis, sheep, rafoxanide, only one
treatment required

Rafoxanide (Flukanid)
Corba, J.; and Mitterpak, J., 1975, Veterinarstvi, v. 25 (3), 129-130
F[asciola] hepatica, naturally infected
sheep, rafoxanide (Flukanid), effective
treatment

Rafoxanide
Cornish, R. A.; et al., 1977, Internat. J.
Parasitol., v. 7 (3), 217-220
Fasciola hepatica, in vivo effects of rafoxanide on energy metabolism

Rafoxanide
Cornish, R. A.; and Bryant, C., 1976, Internat. J. Parasitol., v. 6 (5), 393-398
Fasciola hepatica maintained in vitro, effects of rafoxanide, nitroscanate, and
mebendazole on oxidative pathways

Rafoxanide (Ranide; Flukanide)
Dedek, W.; Schwarz, H.; and Liebaug, E., 1976,
Arch. Exper. Vet.-Med., v. 30 (3), 423-426
rafoxanide, degradation and secretion by
cattle and sheep

Rafoxanide (Ranide)
Eckert, J.; et al., 1977, Schweiz. Arch.
Tierh., v. 119 (4), 135-148
Fasciola hepatica, cattle (liver, bile
ducts), subacute fascioliasis, clinical
findings, pathology, antibodies and increased GLDH levels in sera of coprologically
positive animals, nitroxynil, rafoxanide,
decreased excretion of Fasciola eggs but a
parasitological cure was not achieved, outbreak possibly caused by liquid manure on
fodder, recommended control measures: dairy
farm near Zurich

Rafoxanide
Eliazian, M.; et al., 1975, Arch. Inst. Razi
(27), 43-46
Fasciola gigantica, sheep, diamphenethide,
rafoxanide, drug efficacy: Roodbar Region
(Guilan), Iran

Rafoxanide -- Continued.

Rafoxanide
Foreyt, W. J.; and Todd, A. C., 1976, J. Wildlife Dis., v. 12 (3), 361-366
Fascioloides magna in Odocoileus virginianus,
hexachlorophene, nitroxynil, and rafoxanide
partially successful; hexachloroethane,
clioxanide, and diamphenethide not effective

Rafoxanide
Hillyer, G. V.; and del Llano de Diaz, A.,
1976, Am. J. Trop. Med. and Hyg., v. 25 (2),
307-311
Fasciola hepatica, rabbits, immunoprecipitin
response before and after rafoxanide treatment, results suggest that Ouchterlony double immunodiffusion or counterelectrophoresis can be utilized to show chemotherapeutic
success, rafoxanide highly active against
immature and mature flukes in rabbits

Rafoxanide (Ranide)
Horak, I. G.; Honer, M. R.; and Schroeder,
J., 1976, J. South African Vet. Ass., v. 47
(4), 247-251
helminths and Oestrus ovis, merino sheep,
treated at four-weekly intervals or strategically, live mass gains, wool production
and fecal worm egg counts, compared with
untreated controls: Eastern Transvaal Highveld

Rafoxanide + Thiabendazole (=Ranizole)
Horak, I. G.; Honer, M. R.; and Schroeder,
J., 1976, J. South African Vet. Ass., v. 47
(4), 247-251
helminths and Oestrus ovis, merino sheep,
treated at four-weekly intervals or strategically, live mass gains, wool production
and fecal worm egg counts, compared with
untreated controls: Eastern Transvaal Highveld

Rafoxanide (Ranide)
Horak, I. G.; Snijders, A. J.; and Louw, J.P.,
1972, J. South African Vet. Ass., v. 43 (4),
397-403
trematodes and nematodes, sheep (exper.),
rafoxanide, efficacy studies

Rafoxanid
Huebler, D., 1975, Pharmazie, v. 30 (5), 324-326
Fasciola hepatica, rabbits superior to rats
as experimental host for screening trials of
fasciolicides, laboratory trials using known
anthelmintics

Ranide (Rafoxanide)
Kutzer, E., 1976, Wien. Tierarztl. Monatsschr.,
v. 63 (4), 126-129
Pharyngomyia picta in Cervus elaphus,
Cephenemyia stimulator in Capreolus capreolus, deer free-ranging in preserve, successful control of bots with Ranide in medicated
feed: Osterreich

Rafoxanide -- Continued.

Rafoxanide
Needham, A. J. E., 1977, Rhodesian Vet. J., v. 8 (1), 14-20
Fasciola gigantica, cattle, nitroxynil, rafoxanide, little economic benefits from treatment: Rhodesia

Rafoxanide
Okao, E. T., 1975, Trop. Animal Health and Prod., v. 7 (3), 157-163
Fasciola gigantica, live weight gains of chronically infected cattle (Bos indicus) following treatment with oxyclozanide, rafoxanide, hexachlorophene and nitroxynil, optimum frequency of treatment is 3 times a year, chemotherapy as a control measure is economically beneficial to livestock industry in Uganda

Ranide (Rafoxanide)
Ramisz, A.; Urban, E.; and Surma, F., 1976, Med. Wet., v. 32 (5), 291-293
Fasciola hepatica, gastro-intestinal nematodes, sheep, mixture of ranide and thiabendazole more effective than ranide alone

Rafoxanide
Restani, R.; and Brancaccio, M., 1972, Atti Soc. Ital. Sc. Vet., v. 26, 503-505
Fasciola hepatica, sheep, rafoxanide as effective treatment

Rafoxanide
Restani, R.; and Brancaccio, M., 1972, Parassitologia, v. 14 (2-3), 343-346
Fasciola hepatica, experimentally infected sheep, activity of rafoxanide against 6 and 12 week old flukes, good results

Rafoxanide (Ranide)
Roberts, H. M.; Adams, J. W. E.; and Danks, B. C., 1976, Rhodesian Vet. J., v. 6 (4), 73-76
Gastrodiscus aegyptiacus, widespread occurrence, can be highly pathogenic, resorantel, oxyclozanide, rafoxanide, only first two drugs effective at levels used, horses: Rhodesia

Rafoxanide (Flukanide)
Rushton, B., 1977, Research Vet. Sc., v. 22 (1), 133-134
Fasciola hepatica, sheep, primary infection compared with reinfection, rafoxanide treatment, pathology, faster migration through liver in reinfection, temporary growth retardation, no reduction in numbers, large granulomata formed by anthelmintic-killed flukes

Rafoxanide (Ranide)
Schroeder, J.; Honer, M. R.; and Louw, J. P., 1977, J. South African Vet. Ass., v. 48 (2), 95-97
trematodes, nematodes, cattle (exper.), rafoxanide, efficacy of subcutaneous injections against immature larvae and adults

Rafoxanide -- Continued.

Rafoxanide (Ranide)
Scott, J. M.; and Goll, P. H., 1977, Brit. Vet. J., v. 133 (3), 273-280
Fasciola hepatica, seasonal availability of metacercariae on pasture studied using parasite-free tracer lambs; anthelmintic trials with carbon tetrachloride, oxyclozanide, and rafoxanide: Ethiopian Central Highlands

Rafoxanide (Ranide)
Snijders, A. J.; and Horak, I. G., 1972, J. South African Vet. Ass., v. 43 (3), 295-297
Gedoelstia haessleri and Haemonchus contortus in naturally infected blesbuck, treatment with rafoxanide, highly effective: Republic of South Africa

Rafoxanide
Snijders, A. J.; and Horak, I. G., 1975, J. South African Vet. Ass., v. 46 (3), 265-267
rafoxanide, Fasciola hepatica (nat. and exper.), Bunostomum phlebotomum (exper.), Haemonchus placei (exper.), cattle, drug trials, efficacy, good results

Rafoxanide
Stammers, B. M., 1975, Ztschr. Parasitenk., v. 47 (2), 145-150
Fasciola hepatica, disruption of spermatogenesis, known fasciolicides and other anthelmintics tested

Rafoxanide (Flukanide)
Sutherland, I. H.; and Batty, A. F., 1971, Vet. Rec. (4880), v. 89 (23), 603, 604-605
Fasciola hepatica, sheep, rafoxanide effectively reduced fecal fluke egg count with no toxic side effects, compares favorably with hexachlorophene, oxyclozanide, and nitroxynil: Great Britain

Rafoxanide (Flukanide, Ranide)
Troncy, P. M.; and Vasseau-Martin, N., 1976, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 29 (1), 31-37
Fasciola gigantica, zebu cattle, rafoxanide, toxic at dose-level of 60 mg/kg and over: Chad

Rafoxanide (Flukanide)
Whitelaw, A.; and Fawcett, A. R., 1977, Vet. Rec., v. 100 (21), 443-447
Fasciola hepatica, sheep, rafoxanide, farm-scale dosing program to reduce deposition of eggs on pasture, good results: Lephinmore, southern shore of Loch Fyne, Argyll

Rafoxanide (Flukanide)
Windsor, R. S.; and Scott, W. A., 1976, Brit. Vet. J., v. 132 (3), 313-317
Protofasciola robusta, African elephants in captivity, rafoxanide, repeated treatment necessary for elimination of fluke eggs

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Rametine. See Phthalophos.

Ranide. See Rafoxanide.

Ranizole. See Rafoxanide or Thiabendazole.

RC12 hydroxynaphthoate
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

RC 12 naphthalene disulphonate
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

Repellents
Bar-Zeev, M.; and Gothilf, S., 1973, J. Med. Entom., v. 10 (1), 71-74
Ornithodorus tholozani, effectiveness of 539 repellents, pyrethrum far superior to all others; method for evaluating repellents on guinea pigs

Repellents
Garson, L. R.; and Winnike, M. E., 1968, J. Med. Entom., v. 5 (3), 339-352
relationships between insect repellency of a compound and various chemical and physical properties, review

Repellents
Grothaus, R. H.; Reed, J. T.; and Passingham, L. H., 1976, Am J. Trop. Med. and Hyg., v. 25 (5), 747-750
Amblyomma americanum, field evaluation of deet and 3 acetyl-2-(dimethyl-5-heptenyl)-oxazolidine-impregnated ground cloths as arthropod repellents

Repellents
Hadani, A.; Ziv, M.; and Rechav, Y., 1977, Entom. Exper. et Applic., v. 22 (1), 53-59
Hyalomma excavatum on Meriones tristrami (exper.), acaricidal properties of tick repellents (diethyl toluamide, benzyl benzoate, and dimethyl phthalate), best results with diethyl toluamide

Repellents
Pinto, A. V.; et al., 1977, Tr. Roy. Soc. Trop. Med. and Hyg., v. 71 (2), 133-135
Schistosoma mansoni, skin penetration by cercariae blocked by 1,4- and 1,2-naphthoquinones applied topically to tails of mice (exper.)

Repellents
Rupes, V.; Ledvinka, J.; and Chmela, J., 1976, Ceskoslov. Epidemiol., Mikrobiol., Imunol., v. 25 (6), 345-346, 347
Ixodes ricinus, human, biolite L or M (tetramethrin synergized piperonyl butoxide) as repellent; sesamex increases repellency

Repodral. See Stibophen.

Resochin. See Chloroquine.

Resorantel -- 4'-Bromo-2,6-dihydroxybenzanilide; 2,6-Dihydroxybenzoic acid-4'-bromanilide; Terenol.

Terenol
Chowaniec, W.; Ziomko, I.; and Paciejewski, S., 1976, Med. Wet., v. 32 (12), 739-741
Paramphistomum sp., cows, terenol highly effective, zanil not effective

Resorantel
Coles, G. C.; and McNeillie, R. M., 1977, J. Helminthol., v. 51 (4), 323-326
dietary feeding of drugs for 5 days to mice infected with Nematospiroides dubius and Hymenolepis nana, detected all modern anthelmintics examined except stilbazium; simple test using N. spathiger eggs and Nippostrongylus brasiliensis adults to detect anthelmintics in vitro

Terenol
Khan, M. A., 1977, Indian Vet. J., v. 54 (3), 222-224
amphistomiasis, ruminants, terenol, drug trials, effective against mature amphistomes in cows, goats and sheep, and immature amphistomes and Moniezia spp. in goats, critical testing: Nizamabad and surrounding areas, India

Resorantel (Terenol)
Roberts, H. M.; Adams, J. W. E.; and Danks, B. C., 1976, Rhodesian Vet. J., v. 6 (4), 73-76
Gastrodiscus aegyptiacus, widespread occurrence, can be highly pathogenic, resorantel, oxyclozanide, rafoxanide, only first two drugs effective at levels used, horses: Rhodesia

Terenol
Sahai, B. N.; and Prasad, K. D., 1975, Riv. Parassitol., Roma, v. 36 (2-3), 171-176
Cotylophoron cotylophorum mature and immature amphistomes, goats, chemotherapeutic trials to evaluate efficacy of terenol

Terenol
Wikerhauser, T.; Brglez, J.; and Kuticic, V., 1975, Acta Parasitol. Iugoslavica, v. 6 (1), 25-29
Paramphistomum microbothrium, cattle, efficacy of terenol: Slovenia

Resotren. See Chloquinate.

Reverin. See Rolitetracycline.

Rezochin. See Chloroquine.

Rifampicin. See Rifampin.

Rifampin -- Rifampicin.

Rifampin
Kammerer, W. S.; and Perez-Esandi, M. V., 1975, Am. J. Trop. Med. and Hyg., v. 24 (1), 90-95
chemotherapeutic trials using 8 different drugs unsuccessful in treating exper. Echinococcus granulosus infections in mice and jirds

Rifampicin
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

Rifampicin
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

Rifampicin
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

Rifampin
Zierdt, C. H.; and Tan, H., 1976, Exper. Parasitol., v. 39 (3), 422-430
Blastocystis hominis, 8 axenically grown strains, presence of intracellular bacteria-like spheres and rods, direct relationship between increasing endosymbiont numbers and increasing B. hominis cell size, effect of 3 antibiotics on B. hominis and its endosymbiont

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Rigecocin. See Meticlorpindol.

Ripercol. See Tetramisole.

Ripercol-L. See Tetramisole.

Ripercol L-Piperazine. See Piperazine or Tetramisole.

Ro 7-0913
Schlemper, B. R., jr.; Chiari, E.; and Brener, Z., 1977, J. Protozool., v. 24 (4), 544-547
Trypanosoma cruzi, 48-hr. drug screening test based on inhibition of exponential growth of culture forms as evaluated by cell counter, comparison with data from treating inoculated mice, advantages of in vitro method; culture forms not suitable for screening additives to prevent T. cruzi transmission by banked blood

Ro 7-1053
Schlemper, B. R., jr.; Chiari, E.; and Brener, Z., 1977, J. Protozool., v. 24 (4), 544-547
Trypanosoma cruzi, 48-hr. drug screening test based on inhibition of exponential growth of culture forms as evaluated by cell counter, comparison with data from treating inoculated mice, advantages of in vitro method; culture forms not suitable for screening additives to prevent T. cruzi transmission by banked blood

Ro 8-1981
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

Ro 8-1981
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

Ro 8-7348
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

Ro 8-7348 HCl
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

Ro 8-7636
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

Ro 8-8409
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

Ro 20-0524 2HCl
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

Ro 20-5334 HCl
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

Ro 20-0524/1
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

Ro 20-5331/002
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

Ro 20-5334/002
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

Ro 20-7775/001
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

Ro 20-7776/001
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

Ro 21-0960
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

Robenidene. See Robenidine.

Robenidine -- 1-3-Bis (p-chlorobenzylideneamino)-guanidine hydrochloride; Cycostat; Robenidene; Robenidine hydrochloride; Robenz; Robenzidine.

Robenidine
Chapman, H. D., 1976, Avian Path., v. 5 (4), 283-290
Eimeria tenella, E. acervulina, E. maxima, incidence in broiler house used for commercial drug trials, resistance to various anticoccidials

Robenidine
Chapman, H. D., 1976, Parasitology, v. 73 (3), 265-273
Eimeria tenella, factors influencing development of resistance to robenidine, chickens

Robenidine
Chapman, H. D., 1976, Parasitology, v. 73 (3), 275-282
Eimeria tenella, infections in chicken embryo used to study drug resistance to decoquinate, clopidol, robenidine, and amprolium

Robenidine
Chapman, H. D., 1976, Vet. Parasitol., v. 1 (4), 299-308
Eimeria tenella, delayed treatment used to study mode of action of 7 anticoccidial drugs in the chicken and chicken embryo

Cycostat
Chhabra, M. B.; and Ruprah, N. S., 1976, Indian Vet. J., v. 53 (4), 260-262
Eimeria tenella, Eimeria necatrix, single and mixed infections, chickens, comparative efficacy of 4 coccidiostats (Bifuran, Cycostat, Deccox, Embazin)

Robenidine
Douglas, A. W.; et al., 1977, J. Med. Chem., v. 20 (7), 939-943
4-chlorobenzaldehyde 1-(4-chlorophenyl)-4(1H)-pyridinylidene hydrazone fluorosulfonate, broad-spectrum anticoccidial activity in chickens, action similar to that of robenidine in laboratory trials with E[imeria] tenella and E[imeria] acervulina; robenidine-resistant E[imeria] tenella strain also resistant to new compound

Robenidine
Karlsson, T.; and Reid, W. M., 1977, Poultry Science, v. 56 (5), 1727-1728 [Abstract]
Eimeria tenella, broilers given immunizing doses of E. tenella failed to develop immunity while being medicated with monensin; developed partial immunity if medicated with robenidine or zoalene

Robenidine
Lee, E. H.; et al., 1976, Vet. Rec., v. 99 (23), 466-467 [Letter]
Eimeria tenella, chickens, resistance to robenidine: Ontario

Robenidine -- Continued.

Robenidine hydrochloride (Robenz)
Lee, E. H.; and Fernando, M. A., 1977, Canad. J. Comp. Med., v. 41 (4), 466-470
Eimeria tenella, robenidine-resistant strain recovered from broiler chickens infected with acute cecal coccidiosis, dose-response, infections established in chickens maintained at 4 times the recommended level of robenidine but no oocysts recovered when drug level increased eightfold; no infections found in chickens infected with sensitive strain of E. tenella and treated with robenidine

Robenidine
Long, P. L., 1973, Folia Vet. Latina, v. 3 (1), 89-109
Eimeria tenella, Eimeria mivati, cultured in chick embryos, technique for screening

Robenidine
McDougald, L. R.; and Galloway, R. B., 1976, Exper. Parasitol., v. 40 (3), 314-319
Eimeria tenella, various anticoccidial drugs, in vitro and in vivo techniques used to observe effects on (1) viability of extracellular sporozoites, (2) penetration of sporozoites into host cells, (3) survival of intracellular sporozoites for 24 hr. postinoculation

Robenidene
McHardy, N.; Haigh, A. J. B.; and Dolan, T. T., 1976, Nature, London (5562), v. 261, 698-699
Theileria parva, drug screening in vitro, only Menoctone showed appreciable activity, subsequent tests in cattle artificially infected with ECF confirmed activity of Menoctone against the disease, mode of action not clear but seems to act against schizont or earlier stages and probably along a widely occurring biochemical pathway

Robenidine
McLoughlin, D. K.; and Chute, M. B., 1973, Avian Dis., v. 17 (4), 717-721
Eimeria tenella, chickens (exper.), nequinate, good results against a sensitive strain and strains resistant to non-quinoline coccidiostats, development of nequinate-resistant strain, cross-resistance study

Robenidine
Mylari, B. L.; et al., 1977, J. Med. Chem., v. 20 (4), 475-483
Eimeria spp. in chickens, 1-benzyl-6-azauracils as potential new anticoccidials, comparison trials with several experimental and commercial anticoccidials

Robenidine
Reid, W. M.; et al., 1976, Poultry Science, v. 55 (4), 1436-1441
Eimeria tenella, E. acervulina, chickens, high environmental temperatures, reduction of anticoccidial feed intake, results suggest decreases in feed and anticoccidial intake during heat-stress could seldom cause coccidiosis breaks under field conditions

Robenidine -- Continued.

Robenidine
Ryley, J. F.; and Wilson, R. G., 1976, Parasitology, v. 73 (2), 137-148
Eimeria tenella, practical considerations involved in screening drugs in cell culture and in the chicken, analysis for incidence of anticoccidial activity and host cell toxicity based on 11,550 compounds screened in vitro, correlation of activity in vitro and in vivo attempted, results show that screening compounds in vitro is not satisfactory or reliable alternative to screening in chickens, but in vitro studies can play a part in evaluation of active drugs

Robenidine
Ryley, J. F.; and Wilson, R. G., 1976, Parasitology, v. 73 (3), 287-309
Eimeria tenella, features of anticoccidial activity of 9 older anticoccidials re-investigated both in vivo and in cell culture, methodology discussed in relation to more active and more recent anticoccidials, further experiments with robenidine reported

Robenidine
Shirley, M. W.; Millard, B. J.; and Long, P. L., 1977, Parasitology, v. 75 (2), 165-176
Eimeria acervulina var. diminuta and Eimeria acervulina var. mivati compared, growth in vitro, response to anticoccidial drugs, electrophoretic mobility profiles of four enzymes

Robenidine
Weppelman, R. M.; Battaglia, J. A.; and Wang, C. C., 1977, Exper. Parasitol., v. 42 (1), 56-66
Eimeria tenella, selection and frequency of drug-resistant mutants in chickens medicated with optimal levels of drugs, mutants resistant to amquinate or glycarbylamide were isolated but this procedure failed to yield mutants resistant to amprolium, nicarbazin, robenidine, or monensin

Robenidine
Wilson, R. G., 1976, Parasitology, v. 73 (3), 283-286
Eimeria tenella, short-term application of 6 drugs in tissue culture, evaluation of coccidiocidal vs. coccidiostatic effect, necessity of monitoring technique to confirm drug withdrawal, importance of realistic level of drug dose

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Robenidine hydrochloride. See Robenidine.

Robenz. See Robenidine.

Robenzidine. See Robenidine.

Roccal. See Benzalkonium chloride.

Rodameb. See Diphetarsone.

Rodanine -- N-(3,4-Dichlor-phenyl-rodanin).

Rodanine
Nemeseri, L., 1972, Parasitol. Hungar., v. 5, 217-224
coccidiosis and ascaridiasis in domestic animals and poultry, furidin and rodanine assayed for possible prophylactic use in conditions of large scale animal husbandry

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Rolitetracycline -- N-Pyrrolidinomethyl tetracycline; Reverin.

N-Pyrrolidinomethyl tetracycline (Reverin suspension)
Brown, C. G. D.; et al., 1977, Tropenmed. u. Parasitol., v. 28 (3), 342-348
Theileria parva, immunization of cattle against East Coast fever by inoculation of a tick-derived (Rhipicephalus appendiculatus) stabilate of T. parva infective particles and the intramuscular injection at daily intervals of N-pyrrolidinomethyl tetracycline

Reverin
Galhotra, A. P.; Gautam, O. P.; and Banerjee, D. P., 1977, Indian Vet. J., v. 54 (7), 522-527
Anaplasma marginale, calves (nat. and exper.), treatment trials with various drugs (terramycin, steclin, achromycin, reverin, gloxazone, reverin + gloxazone, steclin + gloxazone) during early and late stages of infection, reverin alone and combined therapy of steclin or reverin with gloxazone were most effective

Reverin + Gloxazone
Galhotra, A. P.; Gautam, O. P.; and Banerjee, D. P., 1977, Indian Vet. J., v. 54 (7), 522-527
Anaplasma marginale, calves (nat. and exper.), treatment trials with various drugs (terramycin, steclin, achromycin, reverin, gloxazone, reverin + gloxazone, steclin + gloxazone) during early and late stages of infection, reverin alone and combined therapy of steclin or reverin with gloxazone were most effective

Rolitetracycline (Reverin)
Laemmler, G.; and Wolf, E., 1977, Tropenmed. u. Parasitol., v. 28 (2), 205-225
Litomosoides carinii in Mastomys natalensis (exper.), 17 anthelmintics and chemotherapeutics comparatively tested for their chemoprophylactic activity against various larval stages of the parasites

Rolitetracycline (Reverin)
Sharma, S. K.; Banerjee, D. P.; and Gautam, O. P., 1977, Ann. Recherches Vet., v. 8 (3), 307-313
Anaplasma marginale, cattle (exper.), dithiosemicarbazone (in combination with oxytetracycline), chloramphenicol and rolitetracycline very efficacious in bringing about clinical recovery and elimination of carrier status, imidocarb could not completely eliminate organisms, gentamicin sulphate ineffective

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Ronidazole -- 1-Methyl-2-carbamoyloxymethyl-5-nitroimidazole.

Ronidazole
Lemahieu, P.; and Dhondt, G., 1977, Vlaams Diergeneesk. Tijdschr., v. 46 (6), 442-443
Trichomonas gallinae, canaries, morbidity and mortality rate, outbreak stopped after administration of ronidazole

Ronidazole
Lucas, I. A. M., 1972, Proc. Nutrition Soc., v. 31 (1), 1-8
antiprotozoal agents added to feed of farm animals, review of accepted agents and suggested usage and dosages

Ronidazole
Meingassner, J. G.; and Mieth, H., 1976, Experientia, v. 32 (2), 183-184
Tritrichomonas foetus, induction of metronidazole resistance, marked cross-resistance to other 5-nitroimidazole-derivatives in vitro and in vivo

Ronidazole
Pieri, F.; and Andre, L. J., 1974, Medecine Trop., v. 34 (2), 290-294
comparative study of amoebicidal drugs and their therapeutic effects

Ronidazole
Sullivan, T. W.; Grace, O. D.; and Aksoy, A., 1977, Poultry Science, v. 56 (2), 571-576
Histomonas meleagridis, turkeys (exper.), influence of level, timing, and duration of ronidazole water medication

Ronidazole
Voogd, C. E.; van der Stel, J. J.; and Jacobs, J. J. J. A. A., 1974, Mutation Research, v. 26 (6), 483-490
possible mutagenic action of metronidazole and nimorazole used to treat human trichomoniasis and dimetridazole and ronidazole used prophylactically against Histomonas meleagridis in poultry

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Ronnel -- Coopers Itch Mite Dip; O,O-Dimethyl-O-(2,4,5-trichlorophenyl) phosphorothioate; Ectoral; Ectorol; Etrolene; Fenchlorfos; Fenchlorphos; Korlan; Nankor; O-(2,4,5-Trichlorophenyl) O,O-dimethyl phosphorothioate; Trolene; Vaporal (with Dichlorvos); Z-50.

Ronnel
Baker, B. B.; et al., 1976, J. Am. Vet. Med. Ass., v. 168 (12), 1105-1107
Demodex canis, dogs, topical application of Ronnel, toxicity

Ronnel (Korlan)
Beat, V. B.; and Morgan, D. P., 1977, J. Am. Vet. Med. Ass., v. 170 (8), 812-814
evaluation of hazards to veterinarians using pour-on organophosphate insecticides, symptoms and clinical values monitored; no great risk, but safe-handling procedures required

Ronnel -- Continued.

Ronnel + Dichlorvos (=Vaporal)
Csiza, C. K.; and McMartin, D. N., 1976, Lab. Animal Sc., v. 26 (5), 781-787
Myobia musculi, mouse breeding colony, dermatitis characterized by intense pruritus leading to self-mutilation and death, pathogenicity varies according to sex, age, mating ratios, sensitivity and strain of mice, dichlorvos + ronnel, good results

Ronnel
Drummond, R. O.; et al., 1976, J. Econom. Entom., v. 69 (1), 37-40
Boophilus annulatus, B. microplus, acaricides, laboratory tests, spray and dip tests with cattle

Ectoral (Ronnel)
Esuruoso, G. O., 1977, Bull. Animal Health and Prod. Africa, v. 25 (1), 65-72
Demodex folliculorum var. bovis in exotic and indigenous cattle, incidence, treatment trials (best results with selenium sulphide), constant presence of Staphylococcus aureus in lesions of demodectic mange indicated that it might aid in spread of lesions, immunization with S. aureus resulted in the reduction of mange lesions: southern Nigeria

Trolene (Ronnel; Etrolene; Korlan; Nankor)
Gladenko, I. M.; et al., 1975, Veterinariia, Kiev (42), 102-107
R[hipicephalus] bursa, H[yalomma] plumbeum, sheep treated with dip in trolene, sevin or dicresyl, tick control, no effect on sheep

Ronnel (Trolene)
Leland, S. E., jr.; et al., 1975, Am. J. Vet. Research, v. 36 (4), Part 1, 449-456
Cooperia punctata, in vitro-grown parasitic stages, evaluation of 28 anthelmintics using presumptive and confirmatory tests, comparison of in vitro potency with established in vivo activity against Cooperia and various other parasites, potential usefulness as preliminary screening method

Trolene + Sevin
Malinin, O. O.; and Shuliak, V. D., 1975, Veterinariia, Kiev (42), 107-109
R[hipicephalus] bursa, H[yalomma] plumbeum, sheep treated with combination of sevin and trolene, good tick control, no negative effect on sheep (various blood values monitored)

Ectoral
Meierhenry, E. F.; and Clausen, L. W., 1977, J. Am. Vet. Med. Ass., v. 171 (9), 983-984
Sarcoptes scabiei in Tayassu tajacu and Mus musculus (skin of both), treatment with ectoral, benzyl benzoate, and lindane + ectoral gave only temporary relief

Ectoral + Lindane
Meierhenry, E. F.; and Clausen, L. W., 1977, J. Am. Vet. Med. Ass., v. 171 (9), 983-984
Sarcoptes scabiei in Tayassu tajacu and Mus musculus (skin of both), treatment with ectoral, benzyl benzoate, and lindane + ectoral gave only temporary relief

Ronnel -- Continued.

Ectorol
Nagendram, C.; and Rajamanickam, C., 1975, Southeast Asian J. Trop. Med. and Pub. Health, v. 6 (3), 452 [Demonstration]
Otodectes cynotis, ear mange in cats, clinical aspects, satisfactory treatment with parasiticide such as otoryl or ectorol: Petaling Jaya, Malaysia

Ectorol
Nagendram, C.; and Rajamanickam, C., 1976, Malaysian Vet. J., v. 6 (2), 84
Otodectes cynotis, cats (ears), clinical signs, diagnosis, otoryl, ectorol, good results: Petaling Jaya

Fenchlorphos (Z-50)
Ramisz, A.; and Komorowski, A., 1975, Polskie Arch. Wet., v. 17 (4), 623-631
Trichinella spiralis, muscle phase in mice, fenchlorphos and bromophos, inhibition of host cholinesterase activity in motor end plates; increased activity of cholinergic system as main factor in pathogenesis

Ronnel (Fenchlorfos)
Saliba, E. K.; Sweatman, G. K.; and Kawar, N. S., 1971, J. Med. Entom., v. 8 (1), 73-83
Ornithodoros savignyi, respiration rate and longevity of untreated ticks at different temperatures, effect of ronnel on respiration rate at different temperatures using 3 application methods, statistical analysis, ronnel not practically useful as systemic pesticide against O. savignyi

Fenchlorphos (Ectoral)
Søli, N. E.; et al., 1977, Acta Vet. Scand., v. 18 (3), 408-415
fenchlorphos, toxicity to blue fox, Alopex lagopus, as measured by cholinesterase inhibition, systemic doses well tolerated

Fenchlorphos (Coopers Itch Mite Dip)
Thorold, P. W., 1972, J. South African Vet. Ass., v. 43 (2), 201-203
Sarcoptes scabiei, sheep, diagnosis, economic importance, and control with fenchlorphos

Fenchlorphos (Ronnel)
Viljoen, J. H., 1976, J. South African Vet. Ass., v. 47 (3), 161-169
Parafilaria bovicola, calves, prepatent period, clinical aspects, filaricidal effects of 9 compounds; levamisole hydrochloride and fenbendazole reasonably effective: vicinity of Onderstepoort

Ronnel
Vonderfecht, H. E.; and Mount, M. E., 1977, Vet. Med. and Small Animal Clin., v. 72 (5), 922-924
toxicity in pigs following ingestion of ronnel from a spilled sack

p-Rosaniline. See Pararosaniline.

Roseoflavine. See 8-Dimethylamino-8-norriboflavine.

Rotenone -- Benzyl-Hex (with Benzene hexachloride, Gamma, Benzyl benzoate, and Dichlorophen); Canex; Canolene (with Benzene hexachloride, Gamma); Cooper's Skin Dressing No. 2; Dermovete; Derris.

Derris
Austad, R., 1968, Tidsskr. Norske Laegefor., v. 88 (1), 28-30
Cheyletiella parasitivorax, cause of itching skin eruption in persons in close contact with infested animals, case report, clinical aspects, treatment with derris: Norway

Dermovete (Rotenone)
Brglez, J.; et al., 1975, Zborn. Bioteh. Fak. Univ. Ljubljani, v. 12 (1), 143-155
Demodex canis, dogs, complete cure with dermovete; transient cure with neguvon, task, and thiabendazole

Rotenone
Gabbert, N.; and Feldman, B. F., 1976, Feline Pract., v. 6 (6), 32-33
Demodex cati, cat (right ear pinna), case report, rotenone, good results: Kansas

Canolene
Hanson, C. J., 1977, Vet. Rec., v. 100 (4), 77-78 [Letter]
sarcoptic mange in guinea pigs, demodectic mange in golden hamsters, canolene, good results

Benzyl-Hex
Meierhenry, E. F.; and Clausen, L. W., 1977, J. Am. Vet. Med. Ass., v. 171 (9), 983-984
Sarcoptes scabiei in Tayassu tajacu and Mus musculus (skin of both), treatment with ectoral, benzyl benzoate, and lindane + ectoral gave only temporary relief

Rotenone (Canex)
Montali, R. J., 1976, J. Am. Vet. Med. Ass., v. 169 (6), 630-631
Psoroptes sp., rotenone, benzyl benzoate, horse (ears): Illinois-bred, transferred from Pennsylvania to Maryland

Derris
Ridgway, J. R., 1973, Vet. Rec., v. 92 (14), 382 [Letter]
Trombicula autumnalis, horses, lesions and clinical signs, effectively treated with tripelenamine HCl and wash of derris, case report: field at foot of the North Downs

Rotenone -- Continued.

Rotenone
Sinclair, A. N., 1976, N. Zealand Vet. J., v. 24 (7), 149-152
Psorergates ovis, fleece derangement in infected Merino sheep before and after treatment as measurement of treatment success

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Rotgape. See Dichloroxylenol.

Rovamycin. See Spiramycin.

Roxarsone
Damron, B. L.; et al., 1977, Poultry Science, v. 56 (5), 1487-1491
coccidiostats lasalocid or monensin in combination with roxarsone and various levels of methionine, broiler performance and processing characteristics

Roxarsone
Reid, W. M., 1975, Avian Dis., v. 19 (4), 802-811
Eimeria spp., chicks medicated with roxarsone and zoalene produced higher oocyst counts than unmedicated controls confirming the conclusion that oocyst counts are an unsatisfactory index to anticoccidial activity

Ruelene. See Crufomate.

Ruelene 6R. See Crufomate.

Ruelene 25E. See Crufomate.

Saguaypicida. See Carbon tetrachloride.

Salfuride. See Nifursol.

Salicylanilides, 5-chloro-3'-nitro-4'-substituted
  Singh, H.; et al., 1977, J. Med. Chem., v. 20 (6), 826-829
    Hymenolepis nana in rats (exper.), synthesis and testing of 5-chloro-3'-nitro-4'-substituted salicylanilides for possible cestodicidal activity, yomesan used as reference compound

Salicyl hydroxamic acid + Glycerol
  Clarkson, A. B., jr.; and Brohn, F. H., 1976, Science (4261), v. 194, 204-206
    Trypanosoma brucei brucei, T. brucei rhodesiense, mice, salicyl hydroxamic acid + glycerol block glucose catabolism of the parasite and it is rapidly destroyed but parasitemia recurs after treatment, with modification may be new approach to trypanosome chemotherapy

Salicylhydroxamic acid (in combination with Glycerol)
  Evans, D. A.; Brightman, C. J.; and Holland, M. F., 1977, Lancet, London (8041), v. 2, 769 [Letter]
    Trypanosoma brucei brucei and T. b. rhodesiense infections in mice (exper.) successfully treated with salicylhydroxamic acid if combined with glycerol and administered before patent infection established; T. vivax infections of different durations all successfully cured

Salicylhydroxamic acid + Glycerol
  Fairlamb, A. H.; Opperdoes, F. R.; and Borst, P., 1977, Nature, London (5591), v. 265, 270-271
    Trypanosoma brucei, effect of salicylhydroxamic acid + glycerol on motility and pyruvate production, shows how knowledge of trypanosome metabolism has led to new methods for screening drugs

Salicylhydroxamic acid (SHAM)
  Opperdoes, F. R.; et al., 1976, Exper. Parasitol., v. 40 (2), 198-205
    Trypanosoma brucei brucei, salicylhydroxamic acid (SHAM), inhibition of trypanosomal respiration in vitro, determination of toxicity for rats, determination of plasma levels in rats, no significant therapeutic effect in vivo, discussion of possibility that SHAM could still be trypanocidal if used in conjunction with another inhibitor of glycolysis

Salicylhydroxamic acid (SHAM)
  Opperdoes, F. R.; Borst, P.; and Fonck, K., 1976, FEBS Letters, v. 62 (2), 169-172
    Trypanosoma brucei, inhibition of glycerol-3-phosphate oxidase by salicylhydroxamic acid but motility and ATP production not drastically affected nor course of infection in rats, evidence for deficiencies in present ideas on trypanosome glycolysis, implications for chemotherapy

Salt. See Sodium chloride.

Samorin. See Isometamidium.

Sansalid. See Diuredosan.

Santonin -- Daias P (with Kainic acid).

Santonin
  Ishizaki, T., 1974, Internat. Med. Found. Japan. Reporting series (4), 65-81
    human Ascaris lumbricoides, epidemiologic and historical review, nightsoil control measures, comparison of anthelmintics in current use: Japan

Santonin + Kainic acid (= Daias P)
  Ishizaki, T., 1974, Internat. Med. Found. Japan. Reporting series (4), 65-81
    human Ascaris lumbricoides, epidemiologic and historical review, nightsoil control measures, comparison of anthelmintics in current use: Japan

Santonine
  Loc-Chay, M., 1975, Provence Med., v. 43 (6-7), 11-16
    Ascaris lumbricoides, humans, clinical trials comparing the efficacy of piperazine and santonine

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Sapindus trifoliatus
  Lal, J.; et al., 1976, Indian J. Physiol. and Pharmacol., v. 20 (2), 64-68
    Ascaridia galli, in vitro anthelmintic activity of 10 medicinal plants, comparison with piperazine hexahydrate

Saquadil. See Diaveridine or Sulfaquinoxaline.

Savlon. See Cetrimonium bromide or Chlorhexidine.

Scabiezma. See Benzyl benzoate or Sulfur.

Scabin. See Benzene hexachloride, Gamma.

Schistocide T102
  Coles, G. C., 1975, J. Helminth., v. 49 (3), 205-209
    Schistosoma mansoni schistosomula, 3-week-old, and adult worms, activity of 6 clinical and 6 experimental schistosomicides in vitro, concluded that meaningful screening for potential schistosomicides cannot at present be carried out in vitro

Schistopel. See Hexachlorophene.

Schistosomicides
Dutertre, J., 1973, Medecine Afrique Noire, v. 20 (10), 801-809
human schistosomiasis, criteria for mass administration of schistosomicides, drugs of choice

Schistosomicides
Josselin, J.; and Courtial, P., 1973, Medecine Afrique Noire, v. 20 (10), 781-787
pharmacological and biochemical aspects of human schistosomicides in current use

Schistosomicides
Ongom, V. L., 1975, Makerere Med. J. (20), 28-31
human schistosomal infection, prophylactic and control measures, drugs in current use: Uganda

Schistosomicides
Santos, A. T., jr., 1976, Southeast Asian J. Trop. Med. and Pub. Health, v. 7 (2), 306-309
human schistosomiasis japonicum, review of current therapy

Schistosomicides
Shoeb, H. A., 1976, Egypt. J. Bilharz., v. 3 (1), 11-37
human schistosomiasis, classification, structure, and activity of schistosomicides, extensive review

Schistosomicides
Sow, A. M.; Diop Mar, I.; and Tossou, H., 1973, Medecine Afrique Noire, v. 20 (10), 791-797
Schistosoma mansoni, Schistosoma haematobium, clinical indications for antischistosomal treatment and choice of drugs, review

Schistosomicides
Yokogawa, M., 1976, Southeast Asian J. Trop. Med. and Pub. Health, v. 7 (2), 310-313
Schistosoma japonicum, humans, current therapy in Japan

Scindapsus officinalis aqueous extract
Sharma, L. D.; Bahga, H. S.; and Srivastava, P. S., 1971, Indian J. Animal Research, v. 5 (1), 33-38
Haemonchus contortus, sheep, goats, screening medicinal plant extracts, effective

Scolaban. See Bunamidine.

Scoloban. See Bunamidine.

SDDS. See 2-Sulfamoyl-4,4'-diaminodiphenylsulfone.

Secnidazole -- Flagentyl; (Hydroxy-2-propyl)-1-methyl-2 nitro-5 imidazole; RP 14539; Seconidazole.

Seconidazole
Andre, L. J., 1973, Medecine et Armees, v. 1 (6), 51-54
human amoebiasis, current treatment methods and clinical aspects, metronidazole, seconidazole

Secnidazole -- Continued.

Seconidazole (Flagentyl)
Andre, L. J.; and Charmot, G., 1973, Medecine Trop., v. 33 (3), 311-315
human amoebiasis, clinical trials with seconidazole and comparison with metronidazole, suitable for mass therapy in developing nations

RP 14539
Segovia, E.; et al., 1974, Prensa Med. Mexicana, v. 39 (11-12), 449-452
E[ntamoeba] histolytica, human amoebic hepatic abscess alone and associated with rectocolonic infections, therapy with tinidazole and RP 14539 showed good results

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Seconidazole. See Secnidazole.

Selectomyocin. See Spiramycin.

Selenium sulphide
Esuruoso, G. O., 1977, Bull. Animal Health and Prod. Africa, v. 25 (1), 65-72
Demodex folliculorum var. bovis in exotic and indigenous cattle, incidence, treatment trials (best results with selenium sulphide), constant presence of Staphylococcus aureus in lesions of demodectic mange indicated that it might aid in spread of lesions, immunization with S. aureus resulted in the reduction of mange lesions: southern Nigeria

Semecarpus anacardium
Lal, J.; et al., 1976, Indian J. Physiol. and Pharmacol., v. 20 (2), 64-68
Ascaridia galli, in vitro anthelmintic activity of 10 medicinal plants, comparison with piperazine hexahydrate

Sendran. See Propoxur.

Septrin. See Sulfamethoxazole or Trimethoprim.

Sergeant's Sentry Dog Collar. See Dichlorvos.

Sergeant's Tapeworm Medicine. See Arecoline.

Sevin. See Carbaryl.

SHAM. See Salicylhydroxamic acid.

Shell No-Pest Strip. See Dichlorvos.

Simplotan. See Tinidazole.

Socatyl. See Formosulfathiazole.

Sodium antimony III bis-pyrocatechol-2,4-disulfonate. See Stibophen.

Sodium antimony dimercaptosuccinate. See Stibocaptate.

Sodium antimony gluconate. See Antimony sodium gluconate.

Sodium antimonyl gluconate. See Antimony sodium gluconate.

Sodium antimony tartarate. See Antimony sodium tartrate.

Sodium arsenate
Singh, K.; and Dutta, G. P., 1976, Indian J. Med. Research, v. 64 (8), 1185-1191
action of metabolic inhibitors on Entamoeba histolytica in axenic culture

Sodium arsenite -- Solution Bovine (with Cresylic acid).

Sodium arsenite
Sinclair, A. N., 1976, N. Zealand Vet. J., v. 24 (7), 149-152
Psorergates ovis, fleece derangement in infected Merino sheep before and after treatment as measurement of treatment success

Sodium arsenite
Singh, K.; and Dutta, G. P., 1976, Indian J. Med. Research, v. 64 (8), 1185-1191
action of metabolic inhibitors on Entamoeba histolytica in axenic culture

Sodium arsenite + Cresylic acid (= Solution Bovine)
Uilenberg, G., 1975, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 28 (3), 405-408
Amblyomma variegatum, strain resistant to sodium arsenite in Madagascar, where arsenic has been used as dip for 40 years; susceptible strain from Dar-es-Salaam, Tanzania

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Sodium azide
Goldberg, B.; et al., 1974, J. Protozool., v. 21 (2), 322-326
Leptomonas sp., inhibition by several standard antiprotozoal drugs of growth and oxygen uptake of cells and particulate preparations, possible use as model organism for screening antitrypanosomatid agents as compared to Crithidia fasciculata

Sodium azide
Singh, K.; and Dutta, G. P., 1976, Indian J. Med. Research, v. 64 (8), 1185-1191
action of metabolic inhibitors on Entamoeba histolytica in axenic culture

Sodium bicarbonate
Motomura, I., 1967, Nettai Igaku (Trop. Med.), v. 9 (4), 226-243
Toxoplasma gondii, cysts and proliferative forms, in vitro survival in different concentrations of disinfectants or on incubation with digestive enzymes or bovine bile

Sodium-(p-carbamylphenylarsylene-dithio)-diacetate. See Arsenamide.

Sodium chloride -- Salt.

Salt (NaCl)
Hubert, W. A.; and Warner, M. C., 1975, J. Wildlife Dis., v. 11 (2), 241-244
Epistylis, channel catfish, bioassays of potential control chemicals, salt alone and combined with formalin most effective: experimental raceways, Gallatin, Tennessee

Sodium chloride
Leland, S. E., jr.; et al., 1975, Am. J. Vet. Research, v. 36 (4), Part 1, 449-456
Cooperia punctata, in vitro-grown parasitic stages, evaluation of 28 anthelmintics using presumptive and confirmatory tests, comparison of in vitro potency with established in vivo activity against Cooperia and various other parasites, potential usefulness as preliminary screening method

Salt
Qadir, A. N. M. A., 1976, Indian Vet. J., v. 53 (6), 448-450
Haemonchus sp., Trichostrongylus sp., Oesophagostomum sp., larvicidal action of 4 chemical compounds on infective nematode larvae in experimental outdoor plots; urea most effective

Sodium chloride
Todoroff, T.; and Yurukova, D., 1973, Ztschr. Tropenmed. u. Parasitol., v. 24 (3), 329-335
Echinococcus granulosus, activity of sodium chloride and formalin against hydatid scolices determined by motility, staining properties, and cultivation in vitro; method of cultivating in vitro is rapid and has certain advantages over mouse inoculation in assessing viability

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Sodium fluoride -- Florocid.

Florocid
Sen, S.; and Das, D. K., 1976, Indian J. Animal Health, v. 15 (1), 83
humpsore, cattle, Florocid treatment compared with phenothiazine-banocide ointment

Sodium fluoride
Singh, K.; and Dutta, G. P., 1976, Indian J. Med. Research, v. 64 (8), 1185-1191
action of metabolic inhibitors on Entamoeba histolytica in axenic culture

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Sodium iodide
Clinton, R. L.; Stump, F. J.; and Wiggers, K. L., 1976, Feline Pract., v. 6 (2), 45-46
Aelurostrongylus abstrusus, 9-week-old kitten, levamisole hydrochloride, good results; sodium iodide, no effect on larvae; diethylcarbamazine citrate, reduced number of larvae

Sodium iodoacetate
Hanna, R. E. B.; and Threadgold, L. T., 1976, Exper. Parasitol., v. 39 (1), 106-114
Fasciola hepatica tissue slices, stereological analysis of effects of metabolic inhibitors on production and distribution of Type 1 secretory bodies in tegument

Sodium lauryl sulphate -- SPA-S-222 (with Mepartricin).

Sodium laurylsulphate + Mepartricin (=SPA-S-222)
Bruzzese, T.; et al., 1976, Farmaco, Pavia, ed. Scient., v. 31 (4), 291-296
potential oral effectiveness of mepartricin complex against human Trichomonas vaginalis in laboratory trials with mice and limited human clinical trials

Sodium lauryl sulphate + Emetine
Imam, S. A., 1974, Tr. Roy. Soc. Trop. Med. and Hyg., v. 68 (3), 255 [Letter]
Entamoeba histolytica, intestinal ulceration in rats (exper.), emetine in combination with surfactant or enzymes showed promise as cure without toxicity; surfactant alone also cured ulcerous open wounds

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Sodium malonate
Singh, K.; and Dutta, G. P., 1976, Indian J. Med. Research, v. 64 (8), 1185-1191
action of metabolic inhibitors on Entamoeba histolytica in axenic culture

Sodium N-phenyl-glycinamide-p-arsonate. See Tryparsamide.

Sodium salicylate
Duncanson, F. P.; et al., 1977, J. Trop. Med. and Hyg., v. 80 (3), 52-58
mice (exper.) with acute Chagasic myocarditis showed decreased blood trypanosome counts and decreased cardic inflammation and necrosis when administered sodium salicylate at onset of parasitemia

Sodium salt of m-benzoyl-m-amino-p-methylbenzoyl-1-amino-napthalene-4:6:8-trisulphonic acid. See Suramin.

Sodium stibogluconate. See Antimony sodium gluconate.

Sodium sulfadimethyl-pyrimidine. See Sulfamethazine.

Solaskil. See Tetramisole.

Soldep. See Trichlorfon.

Solution Bovine. See Cresol or Sodium arsenite.

Spartrix. See Carnidazol.

Spike. See Chlorphenamidine.

Spiramycin -- Rovamycin; Selectomyocin.

Spiramycin
Hill, J., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 421-427
Plasmodium berghei nigeriensis, screening compounds for causal prophylactic activity, 2 methods for testing compounds against tissue stages (one for compounds with little or no residual effect and one for those with prolonged residual effect), 9 compounds examined

Spiramycin + Fansidar
Kaeser, H. E.; Dietrich, R.; and Kocher, R., 1977, Schweiz. Med. Wchnschr., v. 107 (42), 1482-1487
Toxoplasma gondii involving the human nervous system, diagnosis by indirect immunofluorescence or morphologic identification of organism in spinal fluid, clinical case reports, recommendations for therapy with fansidar combined with spiramycin

Rovamycin + Daraprim
Laudanski, T., 1974, Polski Tygod. Lekar., v. 29 (32), 1389-1390
Toxoplasma gondii causing habitual abortion in women successfully treated with daraprim in conjunction with rovamycin or bayrena, normal healthy newborns delivered after therapy: Poland

Spiramycine (Rovamycine)
Meyer, A., 1974, Nouv. Presse Med., v. 3 (21), 1383 [Letter]
human toxoplasmosis, good results using oral spiramycine

Spiramycin
Miyata, A., 1976, Nettai Igaku (Trop. Med.), v. 18 (3), 113-124
Toxoplasma gondii, RH and Beverley strains, attempts to change virulence using antitoxoplasma drugs and steroids, variations in mouse (exper.) survival time

Spiramycin
Nguyen, B. T.; and Stadtsbaeder, S., 1975, Path. Europ., v. 10 (4), 307-315
Toxoplasma gondii in culture, trimethoprim alone or with sulfamethoxazole as synergist (cotrimoxazole) resulted in inhibition of intracellular multiplication, prolonged therapy resulted in eradication of organisms from cell monolayers; similar trials with spiramycin ineffective

Spiramycin -- Continued.

Spiramycine (Rovamycine)
Pennoit, H.; Lameire, N.; and de Tollenaere, G., 1970, Nederl. Tijdschr. Geneesk., v. 114 (31), 1288-1291
acute toxoplasmosis in woman undergoing corticosteroid treatment for sarcoidosis of the lung, suppression after second course of treatment with sulfadimethoxine, spiramycine, and pyrimethamine; recommendation that patients treated with corticosteroids be subjected regularly to serological tests for toxoplasmosis

Spiramycin
Ryley, J. F.; and Wilson, R. G., 1976, Parasitology, v. 73 (3), 287-309
Eimeria tenella, features of anticoccidial activity of 9 older anticoccidials re-investigated both in vivo and in cell culture, methodology discussed in relation to more active and more recent anticoccidials, further experiments with robenidine reported

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Spirotrypan
Gaborak, M.; Darling, J. L.; and Gutteridge, W. E., 1977, Nature, London (5618), v. 268, 339-340 [Letter]
Trypanosoma cruzi, T. dionisii, drug sensitivities of culture forms almost identical, T. dionisii could replace T. cruzi in in vitro drug screens

Spot-On. See Tetramisole.

Spotton. See Fenthion.

Stanoten. See Tin.

Statyl. See Methyl benzoquate.

Steclin. See Tetracycline.

Stenerol. See Halofuginone.

Stenorol. See Halofuginone.

Stibocaptate -- Antimony sodium dimercaptosuccinate; Astiban; Hexasodio-α,α'bis[(4,5-dicarboxy-2-stibia-1,3-dithiolan-2-yl)-mercapto] succinic acid; Sodium antimony dimercaptosuccinate.

Astiban
Ahluwalia, S. S., 1974, Indian J. Animal Sc., v. 43 (8), 1973, 793-796
Schistosoma incognitum, pigs, Astiban, good results; Stibophen and Triostam ineffective

Stibocaptate -- Continued.

Astiban
Bout, D.; et al., 1977, J. Immunol. Methods, v. 15 (1), 1-8
S[chistosoma] mansoni, schistosomicide drugs used as ligands to isolate target antigens by affinity chromatography, to characterize their enzyme functions and localization on the parasite, and to define their immunogenic capacity

Astiban
De Rosa, F.; and Giunta, S., 1972, Parassitologia, v. 14 (2-3), 287-292
Echinococcus granulosus, experimentally infected mice, chemotherapeutic screening, quantitative method, negative results with chloroquine, Lucanthone, Astiban and Endoxan

Sodium antimony dimercaptosuccinate
El-Zayadi, A. M.; et al., 1974, Tropenmed. u. Parasitol., v. 25 (2), 147-152
Schistosoma haematobium, human, renal function tests before and after antibilharzial treatment: Egypt

Astiban
Hanson, W. L.; Chapman, W. L., jr.; and Kinnamon, K. E., 1977, Internat. J. Parasitol., v. 7 (6), 443-447
Leishmania donovani in Mesocricetus auratus model, existing procedure modified to make possible screening of 10-15 selected compounds per week for antileishmanial activity, glucantime used as reference compound

Antimony sodium dimercaptosuccinate (Astiban)
Hedman, P.; and Bengtsson, E., 1977, Am. J. Trop. Med. and Hyg., v. 26 (4), 693-695
Schistosoma mansoni, statistics of 13-year follow-up of 30 persons treated with antimony sodium dimercaptosuccinate during the 1960's who had not visited an endemic area since treatment: Sweden, most infections contracted in Central and East Africa

Stibocaptate
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

Astiban
Rane, L.; Rane, D. S.; and Kinnamon, K. E., 1976, Am. J. Trop. Med. and Hyg., v. 25 (3), 395-400
Trypanosoma rhodesiense, test system to evaluate large numbers of candidate drugs based on mortality of mice with blood-induced infections, serves as primary screen or as secondary and confirmatory test for active compounds

Stibocaptate -- Continued.

Stibocaptate (Astiban)
Saeed, A. A.; and Magzoub, M., 1974, Ann. Trop. Med. and Parasitol., v. 68 (4), 405-413
Schistosoma mansoni, outbreak of infection in expatriate European community, source of infection traced to swimming in highland pools, disease diagnosed during early acute stage, treatment with stibocaptate unsuccessful, results of 2nd course of treatment with niridazole yet to be reported: Jebel Marra area, Darfur Province, Western Sudan

Sodium antimony dimercaptosuccinate
Saleh, S.; et al., 1976, Pharmacol. Research Commun., v. 8 (4), 359-368
Schistosoma mansoni in mice (exper.), comparative effects of antimonial and non-antimonial schistosomicides on host carbohydrate metabolism; antimonials did not affect metabolism while non-antimonial (niridazole) showed similar effects in host and parasite

Astiban (Sodium antimony dimercaptosuccinate)
Shaw, J. R.; and Erasmus, D. A., 1977, Parasitology, v. 75 (1), 101-109
Schistosoma mansoni, technique for in vitro maintenance of mature worms assessed by criteria in general use as well as by more critical analysis in terms of ultrastructure (particularly of female reproductive system), comparison between changes usually associated with in vitro culture and those induced by action of Astiban, differential cell death associated with both

Sodium antimony dimercaptosuccinate (Astiban)
Tadros, M. B., 1973, Med. J. Cairo Univ., v. 41 (4), 301-308
morphological changes in Schistosoma mansoni worms after treatment with sodium antimony dimercaptosuccinate, hamsters

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Stibophen -- Antimosan; Fantorin; Fouadin; Fuadin; Lusane; Repodral; Sodium antimony III bis-pyrocatechol-2,4-disulfonate.

Stibophen (Fuadin, Antimosan)
Ahluwalia, S. S., 1974, Indian J. Animal Sc., v. 43 (8), 1973, 793-796
Schistosoma incognitum, pigs, Astiban, good results; Stibophen and Triostam ineffective

Antimosan
Ahmed, S.; and Ali, M. I., 1973, Vet. Med. Rev. (2), 136-142
Stephanofilaria assamensis, cattle, Antimosan-solution injected under sores followed by local applications of gentian violet, drug trials, good results: East Pakistan

Antimosan (Stibophen)
Bhatia, B. B.; and Rai, D. N., 1976, Indian J. Animal Research, v. 10 (1), 43-44
Schistosoma nasale, cattle, anthiomaline (fair results), tartar emetic and antimosan (good results), ambilhar (no effect), clinical trial

Stibophen -- Continued.

Stibophen (Fantorin)
Girgla, H. S.; et al., 1977, Brit. J. Dermat., v. 97 (3), 307-311
L[eishmania] donovani, humans, post kala-azar dermal leishmaniasis, clinical case reports, variable responses to stibophen therapy, pathologic findings, difficulties differentiating from leprosy: Nepal; India

Stibophen
Hardjawidjaja, L.; et al., 1976, Southeast Asian J. Trop. Med. and Pub. Health, v. 7 (2), 314-318
Schistosoma japonicum, humans, treatment trials using niridazole and stibophen to obtain possible guidelines for mass therapy and future control in Indonesia

Stibophen
Janovy, J., jr.; Greiner, E. C.; and Decker, J. E., 1974, J. Protozool., v. 21 (3), 430 [Abstract]
Leishmania donovani vs. L. mexicana, anaerobic glycolysis and CO_2 fixation over the range 25-37 C, effect of pentostam vs. stibophen

Stibophen
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

Repodral (Fuadin)
Medina, H.; et al., 1955, Arq. Biol. e Tecn., v. 10, 121-165
Astaril, tartar emetic, and Repodral, effect on respiration and anaerobic glycolysis of Leishmania brasiliensis and isolated mouse diaphragm

Fouadin
Pellegrino, J., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 523-524
Schistosoma japonicum, maturation of eggs in intestine of mice (exper.), results of Fouadin treatment, data show that oogram method for screening drugs in S. mansoni can also be used for S. japonicum

Stibophen (Fuadin; Antimosan)
Razig, S. A., 1976, Vet.-Med. Nachr. (1), 75-84
microfilariae, horses (blood), stibophen, 9 cases tested, good results

Stibophen
Saleh, S.; et al., 1976, Pharmacol. Research Commun., v. 8 (4), 359-368
Schistosoma mansoni in mice (exper.), comparative effects of antimonial and non-antimonial schistosomicides on host carbohydrate metabolism; antimonials did not affect metabolism while non-antimonial (niridazole) showed similar effects in host and parasite

Stibophen -- Continued.

Stibophen
Saz, H. J.; and Dunbar, G. A., 1975, J. Parasitol., v. 61 (5), 794-801
Litomosoides carinii, Dipetalonema witei, Brugia pahangi, stibophen, inhibition of phosphofructokinase and lactate formation, effect on internal hexose phosphate accumulation, inhibition of aldolase, comparison with potassium antimony tartrate (inhibits PFK at higher concentrations but not aldolase); Ascaris suum, Hymenolepis diminuta, stibophen inhibition of phosphofructokinase

Stibophen
Stammers, B. M., 1975, Ztschr. Parasitenk., v. 47 (2), 145-150
Fasciola hepatica, disruption of spermatogenesis, known fasciolicides and other anthelmintics tested

Stibophen
Tanaka, H., 1976, Southeast Asian J. Trop. Med. and Pub. Health, v. 7 (2), 176-179
human schistosomiasis, comparative evaluation of complement fixation and circumoval precipitin reactions for diagnosis and assessment of cure after therapy

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Stilbamidine -- trans-4,4'-Bis(guanyl)stilbene; Stilbamidine isethionate.

Stilbamidine isethionate
Bacchi, C. J.; et al., 1975, Antimicrob. Agents and Chemotherapy, v. 8 (6), 688-692
Leptomonas of insect origin, cross-resistance patterns of clones to a variety of medical and veterinary trypanocides and leishmanicides, potential as a model screening system

Stilbamidine
Damper, D.; and Patton, C. L., 1976, Biochem. Pharmacol., v. 25 (3), 271-276
Trypanosoma brucei, pentamidine transport, kinetics, specificity (competitive inhibition by other trypanocidal aromatic diamidines), structural specificity in relationship to varying drug affinities for transport site and possible role in drug cross-resistance

Stilbamidine
Das, B. P.; and Boykin, D. W., 1977, J. Med. Chem., v. 20 (9), 1219-1221
2,5-bis(4-guanylphenyl)thiophenes and -pyrroles, significant antiprotozoal activity against Trypanosoma rhodesiense but little activity against Plasmodium berghei in mice (exper.), laboratory synthesis and comparison trials with stilbamidine, hydroxystilbamidine and pentamidine

Stilbamidine -- Continued.

Stilbamidine isethionate
Goldberg, B.; et al., 1974, J. Protozool., v. 21 (2), 322-326
Leptomonas sp., inhibition by several standard antiprotozoal drugs of growth and oxygen uptake of cells and particulate preparations, possible use as model organism for screening antitrypanosomatid agents as compared to Crithidia fasciculata

Stilbamidine
Hanson, W. L.; Chapman, W. L., jr.; and Kinnamon, K. E., 1977, Internat. J. Parasitol., v. 7 (6), 443-447
Leishmania donovani in Mesocricetus auratus model, existing procedure modified to make possible screening of 10-15 selected compounds per week for antileishmanial activity, glucantime used as reference compound

Stilbamidine
Rane, L.; Rane, D. S.; and Kinnamon, K. E., 1976, Am. J. Trop. Med. and Hyg., v. 25 (3), 395-400
Trypanosoma rhodesiense, test system to evaluate large numbers of candidate drugs based on mortality of mice with blood-induced infections, serves as primary screen or as secondary and confirmatory test for active compounds

Stilbamidine
Venkatesan, S.; and Ormerod, W. E., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (1), 12-13 [Demonstration]
Trypanosoma brucei rhodesiense, antigenicity and stilbamidine resistance

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Stilbamidine isethionate. See Stilbamidine.

Stilbazium iodide -- 1-Ethyl-2,6-bis [p-(1-pyrrolidinyl) styryl]-pyridinium iodide; Monopar.

Stilbazium iodide
Coles, G. C.; and McNeillie, R. M., 1977, J. Helminthol., v. 51 (4), 323-326
dietary feeding of drugs for 5 days to mice infected with Nematospiroides dubius and Hymenolepis nana, detected all modern anthelmintics examined except stilbazium; simple test using N. spathiger eggs and Nippostrongylus brasiliensis adults to detect anthelmintics in vitro

Stilbazium iodide (Monopar)
Leland, S. E., jr.; et al., 1975, Am. J. Vet. Research, v. 36 (4), Part 1, 449-456
Cooperia punctata, in vitro-grown parasitic stages, evaluation of 28 anthelmintics using presumptive and confirmatory tests, comparison of in vitro potency with established in vivo activity against Cooperia and various other parasites, potential usefulness as preliminary screening method

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Stirofos. See Tetrachlorvinphos.

Stovarsol. See Acetarsone.

Streptomycin
Dixon, H., 1974, J. Protozool., v. 21 (3), 450 [Abstract]
Crithidia fasciculata, effect of inhibitors of bacterial protein synthesis

Streptomycin
Entner, N.; and Grollman, A. P., 1973, J. Protozool., v. 20 (1), 160-163
Entamoeba histolytica, effect of amebicidal agents on protein synthesis, correlation of drug structural characteristics with biologic activity, implications for designing drugs with increased margin of selective toxicity for parasite vs. host

Streptomycin
Sherman, I. W., 1976, Comp. Biochem. and Physiol., v. 53 (4B), 447-450
Plasmodium knowlesi ribosomes, development of highly active cell-free protein synthesizing system, use in assaying antimalarials

Streptomycin
Sherman, I. W.; and Jones, L. A., 1976, J. Protozool., v. 23 (2), 277-281
Plasmodium lophurae, reliable procedure for isolation of active ribosomes, optimal requirements for in vitro synthesis of proteins, effects of variety of drugs on duck reticulocyte and plasmodial ribosomes in cell-free protein-synthesizing systems (restricted selectivity not obtained)

Streptomycin
Wagner, K. P.; and Krassner, S. M., 1976, Exper. Parasitol., v. 39 (2), 222-233
Leishmania tarentolae promastigotes, replica-plating techniques, isolation of stable mutant strains resistant to chloramphenicol, isolation of cell lines stress-adapted to streptomycin and to high culture temperatures, factors influencing resistance, mode of action of chloramphenicol (inhibition of protein synthesis and proline oxidation)

Strongid-P. See Pyrantel.

Strongid-T. See Pyrantel.

Suiverm. See Piperazine or Thiabendazole.

Sulfacetacine
Sanchez Acedo, C.; and Garcia Reguera, V., 1972, Rev. Iber. Parasitol., v. 32 (3-4), 271-276
Eimeria bateri, morphology, incidence in farm quail, inefficacy of sulfacetacine: farm near Zaragoza

Sulfachloropyrazine -- N'-(6-Chloro-2-pyrazinyl) sulphanilamide; COE-1 (with Diaveridine and Ethopabate); Esb_3; Sulfachloropyrazine sodium; Sulfatyf; Sulphachlorpyrazine.

Sulphachloropyrazine + Diaveridine + Ethopabate (=COE-1)
Giordani, G.; Govoni, S.; and Bergami, W., 1977, Avicoltura, Bologna, v. 46 (1), 41-46
Eimeria spp., breeder hens, continuously fed sulphachloropyrazine + diaveridine + ethopabate, no undesirable effects on egg production, values statistically equal for control and coccidiostat fed birds

Sulfatyf (Esb_3)
Lineburg, A.; and Pastuszko, J., 1972, Med. Wet., v. 28 (4), 219-220
coccidiosis, rabbits, Sulfatyf, Anticoccid

Sulphachlorpyrazine + Diaveridine + Ethopabate
Tarozzi, F., 1974, Folia Vet. Latina, v. 4 (2), 275-286
strain of Eimeria acervulina resistant to amprolium + ethopabate and to sulphachlorpyrazine, efficacy of sulphachlorpyrazine + diaveridine + ethopabate, chickens

Sulfatyf
Wojton, T., 1976, Med. Wet., v. 32 (2), 78
Eimeria acervulina, E. maxima, poultry, efficacy of coccidot and sulfatyf

Sulfatyf
Wojton, T., 1976, Med. Wet., v. 32 (12), 741-742
Eimeria necatrix, poultry, control, amprol plus and coccidot effective, anticoccid and sulfatyf were less potent

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Sulfachloropyrazine sodium. See Sulfachloropyrazine.

Sulfadiazine -- Belmet (with Sulfamerazine sodium and Sulfamethazine sodium); Sulfadiazine sodium; Theradiazine; Tribrissen (with Trimethoprim); Tricombil (with Sulfamerazine and Sulfamethazine); WR 7557.

Tricombil + Pyrimethamine
Apt, W., 1970, Bol. Chileno Parasitol., v. 25 (1-2), 65-68
Toxoplasma gondii, criteria for treating humans with pyrimethamine and sulfa drugs, pharmacologic action, treatment of toxic side effects with folinic acid, recommendation for prophylactic treatment of newborn infants exposed to infection

Sulfadiazine + Sulfamethazine + Sulfamerazine (= Tricombil)
Apt, W.; Niedmann, G.; and Atias, A., 1968, Bol. Chileno Parasitol., v. 23 (3-4), 102-107
known or suspected Toxoplasma gondii infections in pregnant women, treatment during pregnancy with pyrimethamine combined with sulfa drugs, favorable results in selected clinical trials

Sulfadiazine -- Continued.

Sulfadiazine
Butler, T.; Warren, K. S.; and Mahmoud, A. A., 1976, J. Infect. Dis., v. 133 (6), 721-726
human malarias, algorithms in the diagnosis and management

Sulfadiazine (WR 7557)
Davidson, D. E., jr.; et al., 1976, Am. J. Trop. Med. and Hyg., v. 25 (1), 26-33
Plasmodium cynomolgi var. bastianellii, trophozoite-induced malaria in Macaca mulatta as antimalarial drug testing system

Sulfadiazine
Dubey, J. P.; and Yeary, R. A., 1977, Canad. Vet. J., v. 18 (3), 51-57
Toxoplasma gondii, cats (exper.), 2-sulfamoyl-4,4-diaminodiphenylsulfone, sulfadiazine, and pyrimethamine (not reliable); clindamycin (might be effective)

Sulfadiazine-Trimethoprim (= Tribrissen)
Duerr, U. M., 1976, Tierarztl. Umschau, v. 31 (4), 177-178
coccidiosis of dogs and cats, clinical trials of Trimethoprim-Sulfadiazine, good results

Sulfadiazine
Ferone, R., 1973, J. Protozool., v. 20 (3), 459-464
Plasmodium berghei, synthesis of dihydropteroate and dihydrofolate, some properties of enzymes involved, enzymic synthesis of dihydropteroate inhibited by several sulfonamides and diaminodiphenylsulfone

Sulfadiazine + Pyrimethamine
Glew, R. H.; et al., 1974, J. Infect. Dis., v. 129 (4), 385-390
Plasmodium falciparum in young girl, strain with resistance to chloroquine, quinacrine, pyrimethamine and chlorguanide, radical cure obtained with pyrimethamine and sulfadiazine in combination; delayed primary attack with Plasmodium vivax: Maryland (had traveled and engaged in field work in remote area of eastern Colombia)

Sulfadiazine
Hof, H.; et al., 1976, Ann. Microbiol., v. 127 B (4), 503-507
Toxoplasma gondii, nude mice, neither more susceptible nor more resistant to primary infection with virulent cells; treatment with sulfadiazine protected against acute fatal disease; only normal mice survived after treatment withdrawn; high amounts of antibodies in normal mice, none in nude mice

Sulfadiazine
Huang, R. J.; and Lee, Y. C., 1975, J. Chinese Soc. Vet. Sc., v. 1 (2), 104-110
Eimeria tenella, chickens, immunization by use of anticoccidials

Sulfadiazine -- Continued.

Sulfadiazine
Kinnamon, K. E.; Ager, A. L.; and Orchard, R. W., 1976, Exper. Parasitol., v. 40 (1), 95-102
Plasmodium berghei, mice, sulfadiazine, WR 158,122, and WR 180,872 alone and in various combinations, synergistic effects, action at different sites in folic acid metabolic pathway, advantage of drug combinations in malaria chemotherapy

Sulfadiazine
Lai, C. H.; Tizard, I. R.; and Ingram, D. G., 1974, Tr. Roy. Soc. Trop. Med. and Hyg., v. 68 (3), 257-258 [Letter]
Toxoplasma gondii, strain maintained in mice (exper.), development of resistance to sulfadiazine

Sulfadiazine
Lau, W. K.; Young, L. S.; and Remington, J. S., 1976, J. Am. Med. Ass., v. 236 (21), 2399-2402
Pneumocystis carinii, human pneumonia, diagnosis by examination of pulmonary secretions, co-trimoxazole or pentamidine alone or with sulfadiazine-pyrimethamine: California

Sulfadiazine sodium + Sulfamerazine sodium + Sulfamethazine sodium (= Belmet)
Manuel, M. F.; Parawan, O. O.; and Alonso, N. V. II, 1975, Philippine J. Vet. Med., v. 13 (1-2), 1974, 137-146
Eimeria tenella, chicks, clinical signs, cecal pathology, mortality rate, therapeutic value of various water-soluble coccidiostats

Sulfadiazine + Pyrimethamine
Masson, R.; et al., 1975, Nouv. Presse Med., v. 4 (35), 2499-2502
cerebral toxoplasmosis with pseudo-tumoral symptoms of meningoencephalitis in immunologically compromised persons, clinical aspects, sulphadiazine-pyrimethamine therapy: Paris

Sulphadiazine
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

Theradiazine (Sulfadiazine)
Miyata, A., 1976, Nettai Igaku (Trop. Med.), v. 18 (3), 113-124
Toxoplasma gondii, RH and Beverley strains, attempts to change virulence using antitoxoplasma drugs and steroids, variations in mouse (exper.) survival time

Sulphadiazine
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

Sulfadiazine -- Continued.

Sulphadiazine
Peters, W.; and Porter, M., 1976, Ann. Trop. Med. and Parasitol., v. 70 (3), 271-281
Plasmodium berghei, drug trials with mice comparing activity of WR 122,455 against drug resistant strains with activity of common antimalarials

Sulphadiazine
Peters, W.; Portus, J. H.; and Robinson, B. L., 1973, Ann. Trop. Med. and Parasitol., v. [illegible]
Plasmodium berghei, effect of chloroquine on development of resistance to sulphaphenazole, effect of other sulphonamides on sulphaphenazole-resistant line, effect of chloroquine on development of resistance to pyrimethamine, effect of chloroquine-pyrimethamine combination against chloroquine resistant strain first attacked with chloroquine alone

Sulphadiazine
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

Sulfadiazine
Saari, M.; et al., 1976, Arch. Ophth., Chicago, v. 94 (9), 1485-1488
toxoplasmic chlorioretinitis accompanying acute acquired systemic infection, case report of man probably infected through saliva or nasal secretions of infected cow, treated with pyrimethamine in conjunction with sulfadiazine and prednisone: Finland

Sulfadiazine + 2,4-Diamino-6-(2-naphthylsufonyl)-quinazoline
Schmidt, L. H., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (4), 446-474
Plasmodium falciparum and Plasmodium vivax in Aotus trivirgatus as model systems for chemotherapeutic studies, handling of animals, course of infections and response to standard antimalarial drugs compared with that in man, use of model in assessing activities of new agents and drug resistance

Sulfadiazine + Pyrimethamine
Schmidt, L. H.; et al., 1977, Am. J. Trop. Med. and Hyg., v. 26 (5, part 1), 837-849
Plasmodium cynomolgi in Macaca mulatta, P. vivax and P. falciparum in Aotus trivirgatus griseimembra (both exper.), therapeutic potentiation with combinations of pyrimethamine and sulfonamides, good response in pyrimethamine susceptible and resistant strains except for Malayan Camp and Vietnam Smith strains of P. falciparum

Sulfadiazine -- Continued.

Sulfadiazine
Sheffield, H. G.; and Melton, M. L., 1975, J. Parasitol., v. 61 (4), 704-712
Toxoplasma gondii, fine structure and multiplication in cell cultures, effects of pyrimethamine and sulfadiazine singly and in combination

Sulfadiazine + Pyrimethamine
Sheffield, H. G.; and Melton, M. L., 1976, Am. J. Trop. Med. and Hyg., v. 25 (3), 379-383
Toxoplasma gondii, intestinal development in cats, effect of combined pyrimethamine and sulfadiazine treatment, prolonged prepatent period, shortened patent period, inhibition of oocyst excretion, infection induced immunity to oocyst-producing reinfection in both control and treated cats

Sulfadiazine
Smith, D. D.; and Frenkel, J. K., 1977, J. Parasitol., v. 63 (6), 1066-1071
Besnoitia darlingi, isolation from Didelphis marsupialis, production of acute lethal infections in mice and hamsters by inoculation of cysts, chronic infections with formation of tissue cysts obtained in mice by sulfadiazine prophylaxis, cysts fed to cats resulted in shedding of isosporoid oocysts, mouse-to-mouse transmission achieved by injecting triturated tissue containing cysts, serologic testing

Sulfadiazine + Pyrimethamine
Whisnant, J. K.; and Buckley, R. H., 1976, National Cancer Inst. Monograph (43), 211-217
Pneumocystis carinii pneumonia, successful pyrimethamine-sulfadiazine therapy in infants with X-linked immunodeficiency with hyper-IgM

Sulfadiazine + Pyrimethamine
Young, R. C.; and DeVita, V. T., jr., 1976, National Cancer Inst. Monograph (43), 193-200
Pneumocystis carinii pneumonia in humans, randomized clinical trial comparing relative merits of pentamidine isethionate and pyrimethamine + sulfadiazine in treatment, comparative toxicity

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Sulfadiazine sodium. See Sulfadiazine.

Sulfadimethoxine -- Kohkin 25; Madribon; Omnibon; Ro4-0517.

Sulfadimethoxine
Davidson, D. E., jr.; et al., 1976, Am. J. Trop. Med. and Hyg., v. 25 (1), 26-33
Plasmodium cynomolgi var. bastianellii, trophozoite-induced malaria in Macaca mulatta as antimalarial drug testing system

Sulfadimethoxine -- Continued.

Sulfadimethoxine (Madribon)
Heischkeil, R., 1973, Ztschr. Tropenmed. u. Parasitol., v. 24 (4), 505-516
Plasmodium vinckei, chemotherapeutic activity of selected antagonists of folic acid metabolism with special reference to structure-activity relationships, comparison with some standard antimalarials; some compounds also exert noxious effect on host

Sulfadimethoxine (Omnibon)
Huang, R. J.; and Lee, Y. C., 1975, J. Chinese Soc. Vet. Sc., v. 1 (2), 104-110
Eimeria tenella, chickens, immunization by use of anticoccidials

Sulphadimethoxine
Kirkwood, A. C., 1974, Ann. Trop. Med. and Parasitol., v. 68 (1), 125-128
Dermanyssus gallinae, systemic activity of sulphaquinoxaline, sulphadoxine, and sulphadimethoxine administered orally to chickens, only doses too high for practicable use controlled the mites

Sulphadimethoxine (Madribon)
Laing, A. B. G., 1974, Tr. Roy. Soc. Trop. Med. and Hyg., v. 68 (2), 133-138
Plasmodium falciparum, hospital trials with Gambian children testing BRL 50216 alone or in combinations with sulphadimethoxine or sulphafurazole (acting as potentiators); some response also with P. malariae; sporontocidal effect only when BRL 50216 given in presence of potentiators

Kohkin 25 (Sulfadimethoxine)
Manuel, M. F.; Parawan, O. O.; and Alonso, N. V. II, 1975, Philippine J. Vet. Med., v. 13 (1-2), 1974, 137-146
Eimeria tenella, chicks, clinical signs, cecal pathology, mortality rate, therapeutic value of various water-soluble coccidiostats

Sulfadimethoxine (Ro4-0517)
Melton, M. L.; and Sheffield, H. G., 1975, J. Parasitol., v. 61 (4), 713-717
Toxoplasma gondii, degree of inhibition of penetration and multiplication in cultured cells by lasalocid, monensin, ormetoprim, sulfadimethoxine, and a combination of the latter two

Sulfadimethoxine (Madribon)
Pennoit, H.; Lameire, N.; and de Tollenaere, G., 1970, Nederl. Tijdschr. Geneesk., v. 114 (31), 1288-1291
acute toxoplasmosis in woman undergoing corticosteroid treatment for sarcoidosis of the lung, suppression after second course of treatment with sulfadimethoxine, spiramycine, and pyrimethamine; recommendation that patients treated with corticosteroids be subjected regularly to serological tests for toxoplasmosis

Sulfadimethoxine -- Continued.

Sulphadimethoxine
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

Sulphadimethoxine
Singh, J.; and Hussain, O., 1977, Ann. Parasitol., v. 52 (4), 397-402
Eimeria tenella, chicks with different levels of infection, comparison of therapeutic activity of sulphadimethoxine vs. bifuran and of effect of medication on development of immunity

Sulphadimethoxine
Wilkinson, G. T., 1977, Vet. Rec., v. 100 (8), 156-157
Isospora felis, cats, good results using sulphadimethoxine, no effect on number of oocysts in faeces of one cat treated with sulphadimidine; results indicate need to keep closed cat colony closed for disease prevention

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Sulfadimidine. See Sulfamethazine.

Sulfadoxine -- Dimethoxy-5,6-sulfanilamido-4 pyrimidine; Fanasil; Fansidar (with Pyrimethamine); Sulfadoxine sulfamide; Sulformethoxine.

Sulfadoxin + Pyrimethamine (= Fansidar)
Bruce-Chwatt, L. J., 1976, Munchen. Med. Wchnschr., v. 118 (35), 1097-1107
current recommendations for prophylaxis and control of human malaria

Sulfadoxine + Pyrimethamine (= Fansidar)
Butler, T.; Warren, K. S.; and Mahmoud, A. A., 1976, J. Infect. Dis., v. 133 (6), 721-726
human malarias, algorithms in the diagnosis and management

Sulfadoxine + Pyrimethamine (= Fansidar)
Doberstyn, E. B.; et al., 1976, Am. J. Trop. Med. and Hyg., v. 25 (1), 14-19
Plasmodium falciparum, human, pyrimethamine alone ineffective, in combination with diformyldapsone not sufficiently active, in combination with sulfadoxine acceptable if preceded by short course of quinine

Sulfadoxine + Pyrimethamine (= Fansidar)
Dutz, W.; et al., 1976, National Cancer Inst. Monograph (43), 179-185
Pneumocystis carinii pneumonia in humans, advantages and disadvantages of therapy and prophylaxis using pentamidine isethionate or sulfadoxine combined with pyrimethamine

Sulfadoxine -- Continued.

Sulfadoxine-Pyrimethamine
Ebisawa, I.; Fukuyama, T.; and Kawamura, Y., 1976, Trop. and Geogr. Med., v. 28 (4), 349-354
Plasmodium falciparum, humans, additional foci of chloroquine resistant strain discovered in Indonesia, responsive to single-dose therapy with sulfadoxine-pyrimethamine or sulfamonomethoxine-pyrimethamine

Sulfadoxine sulfamide + Pyrimethamine (= Fansidar)
Felix, H., 1973, Medecine Afrique Noire, v. 20 (10), 769-775
human Plasmodium falciparum, advantages of combined use of sulfadoxine and pyrimethamine in treatment, comparison with quinine

Sulformethoxine
Ferone, R., 1973, J. Protozool., v. 20 (3), 459-464
Plasmodium berghei, synthesis of dihydropteroate and dihydrofolate, some properties of enzymes involved, enzymic synthesis of dihydropteroate inhibited by several sulfonamides and diaminodiphenylsulfone

Sulformethoxine
Fink, E.; et al., 1973, Prog. Med., Paris, v. 101 (7), 281 [Abstract]
Plasmodium berghei yoelii, mice (exper.), establishment of mean causal prophylactic dose of selected antimalarial and experimental compounds

Sulfadoxine-Pyrimethamine (=Fansidar)
Hall, A. P.; et al., 1977, Brit. Med. J. (6077) v. 1, 1626-1628
human falciparum malaria, comparison drug trials using quinine + fansidar or quinine + mefloquine in treatment of chloroquine resistant infection, both effective with few side effects: Thailand

Sulphadoxine (Sulphormethoxine)
Hill, J., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 421-427
Plasmodium berghei nigeriensis, screening compounds for causal prophylactic activity, 2 methods for testing compounds against tissue stages (one for compounds with little or no residual effect and one for those with prolonged residual effect), 9 compounds examined

Sulformethoxine + Pyrimethamine (= Fansidar)
Jaroonvesama, N.; Harinasuta, T.; and Muangmanee, L., 1974, Southeast Asian J. Trop. Med. and Pub. Health, v. 5 (4), 504-509
Plasmodium falciparum, humans, case reports of 3 persons unsuccessfully treated with quinine, probable quinine-resistant strain, recrudescences or poor responses to therapy, complete cures only after fansidar therapy: Thailand

Sulfadoxine -- Continued.

Fansidar + Spiramycin
Kaeser, H. E.; Dietrich, R.; and Kocher, R., 1977, Schweiz. Med. Wchnschr., v. 107 (42), 1482-1487
Toxoplasma gondii involving the human nervous system, diagnosis by indirect immunofluorescence or morphologic identification of organism in spinal fluid, clinical case reports, recommendations for therapy with fansidar combined with spiramycin

Sulphadoxine
Kirkwood, A. C., 1974, Ann. Trop. Med. and Parasitol., v. 68 (1), 125-128
Dermanyssus gallinae, systemic activity of sulphaquinoxaline, sulphadoxine, and sulphadimethoxine administered orally to chickens, only doses too high for practicable use controlled the mites

Sulphadoxine + Pyrimethamine (= Fansidar)
Lewis, A. N.; and Ponnampalam, J. T., 1975, Ann. Trop. Med. and Parasitol., v. 69 (1), 1-12
Plasmodium falciparum, P. vivax, suppression of malaria with monthly administration of combined sulphadoxine and pyrimethamine, compared with control groups on placebo and on weekly chloroquine, no serious side effects observed

Sulphadoxine
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

Sulfadoxine + Pyrimethamine (= Fansidar)
O'Holohan, D. R.; Dondero, T. J., jr.; and Ponnampalam, J. T., 1973, Med. J. Malaysia, v. 27 (4), 310
fansidar excellent drug for treatment of chloroquine resistant malaria but use as prophylaxis is experimental and not recommended

Sulfadoxine + Pyrimethamine
Pearlman, E. J.; et al., 1977, Am. J. Trop. Med. and Hyg., v. 26 (6, part 1), 1108-1115
Plasmodium falciparum, P. vivax, chloroquine resistant strains, field trials comparing efficacy of pyrimethamine combined with either sulfadoxine or diformyldapsone: Thailand

Sulfadoxine + Pyrimethamine (= Fansidar)
Peck, C. C.; Lewis, A. N.; and Joyce, B. E., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 141-146
Fansidar (pyrimethamine + sulfadoxine) administered once monthly as a malaria suppressant, time course of serum sufadoxine concentrations after monthly doses attests to pharmacokinetic rationale for such infrequent dosing

Sulfadoxine -- Continued.

Sulphadoxine
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

Sulphadoxine
Peters, W.; Portus, J. H.; and Robinson, B. L., 1973, Ann. Trop. Med. and Parasitol., v. 67 (2), 143-154
Plasmodium berghei, effect of chloroquine on development of resistance to sulphaphenazole, effect of other sulphonamides on sulphaphenazole-resistant line, effect of chloroquine on development of resistance to pyrimethamine, effect of chloroquine-pyrimethamine combination against chloroquine resistant strain first attacked with chloroquine alone

Sulphadoxine
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

Fansidar
Rottembourg, J.; et al., 1977, Nouv. Presse Med., v. 6 (10), 819-823
Pneumocystis carinii pneumonia in immunocompromised patient after cardiac transplantation, diagnosis by pulmonary biopsy, treatment with pentamidine, fansidar: France

Sulfadoxine + Pyrimethamine (= Fansidar)
Ryan, B. P., 1975, Med. J. Australia, v. 1 (4), 101-103
clinical trials using combined sulfadoxine and pyrimethamine to treat human Plasmodium falciparum: Vietnam

Sulfadoxine + Pyrimethamine
Schmidt, L. H.; et al., 1977, Am. J. Trop. Med. and Hyg., v. 26 (5, part 1), 837-849
Plasmodium cynomolgi in Macaca mulatta, P. vivax and P. falciparum in Aotus trivirgatus griseimembra (both exper.), therapeutic potentiation with combinations of pyrimethamine and sulfonamides, good response in pyrimethamine susceptible and resistant strains except for Malayan Camp and Vietnam Smith strains of P. falciparum

Sulfadoxine + Pyrimethamine
Segal, H. E.; et al., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (1), 139-142
Plasmodium falciparum in humans, clinical trials comparing efficacy of diaminodiphenylsulphone + pyrimethamine and sulfadoxine + pyrimethamine: Northeast Thailand

Sulfadoxine -- Continued.

Sulfadoxine + Pyrimethamine (= Fansidar)
Shanta, C. S.; Wan, S. P.; and Kwong, K. H., 1977, Kajian Vet., v. 9 (1), 14-18
Plasmodium juxtanucleare, chickens (exper.), sulfadoxine + pyrimethamine, good results

Sulfadoxine + Pyrimethamine
Tin, F.; and Nyunt Hlaing, 1977, Southeast Asian J. Trop. Med. and Pub. Health, v. 8 (1), 104-112
Plasmodium falciparum, humans, proposed new treatment regimens for recently discovered infections resistant to standard doses of chloroquine, pyrimethamine, and proguanil: Burma

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Sulfadoxine sulfamide. See Sulfadoxine.

Sulfafurazole. See Sulfisoxazole.

Sulfakombin. See Diaveridine or Sulfamethazine.

Sulfalene -- Antemal (with Pyrimethamine); Longum; Policydal; Sulfamethopyrazine; Sulfamethoxypyrazine; Sulfametopyrazine; WR 4629.

Sulfalene + Trimethoprim
Canfield, C. J.; et al., 1971, Am. J. Trop. Med. and Hyg., v. 20 (4), 524-526
clinical trials using trimethoprim in combination with sulfalene in treatment of drug resistant Plasmodium falciparum, results not as satisfactory as presently used regimens except in patients having repeated recrudescences after previous standard therapy

Sulfalene (WR 4629)
Davidson, D. E., jr.; et al., 1976, Am. J. Trop. Med. and Hyg., v. 25 (1), 26-33
Plasmodium cynomolgi var. bastianellii, trophozoite-induced malaria in Macaca mulatta as antimalarial drug testing system

Sulfalene
Gilles, H. M.; and Clyde, D. F., 1974, Ann. Trop. Med. and Parasitol., v. 68 (3), 367-368
Plasmodium falciparum, human, possible role of acetylator phenotype in alleged sulphonamide drug failures

Sulfametopyrazine (Sulfamethoxypyrazine; Sulfalene)
Karim, A.K.M.B.; and Evans, D.A.P., 1976, Ann. Trop. Med. and Parasitol., v. 70 (1), 123-124
metabolism of sulfametopyrazine in subjects with rapid vs. slow acetylator phenotype, no significant differences

Sulfalene -- Continued.

Sulfamethoxypyrazine + Pyrimethamine

Matuschka, F. R., 1977, Zentralbl. Bakteriol., 1. Abt. Orig., Reihe A, v. 238 (3), 419-429

Toxoplasma gondii cysts in Mastomys natalensis (brain) (exper.), sulfamethoxypyrazine + pyrimethamine, no endodyogeny observed on treated cysts, effects on cyst ultrastructure, scanning and transmission electron microscopy

Policydal (Sulfamethopyrazine)

Miyata, A., 1976, Nettai Igaku (Trop. Med.), v. 18 (3), 113-124

Toxoplasma gondii, RH and Beverley strains, attempts to change virulence using antitoxoplasma drugs and steroids, variations in mouse (exper.) survival time

Sulphalene

Peters, W.; Portus, J. H.; and Robinson, B. L., 1973, Ann. Trop. Med. and Parasitol., v. 67 (2), 143-154

Plasmodium berghei, effect of chloroquine on development of resistance to sulphaphenazole, effect of other sulphonamides on sulphaphenazole-resistant line, effect of chloroquine on development of resistance to pyrimethamine, effect of chloroquine-pyrimethamine combination against chloroquine resistant strain first attacked with chloroquine alone

Sulphalene

Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171

Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

Sulfametopyrazine + Pyrimethamine (= Antemal)

Picq, J. J.; Charmot, G.; and Ricosse, J. H., 1972, Medecine Trop., v. 32 (4), 527-546

"semi-immune" humans with acute attacks of Plasmodium falciparum, comparison drug trials using antemal and nivaquine, biochemical reactions of drug agents on trophozoites

Sulfalene + Pyrimethamine

Schmidt, L. H.; et al., 1977, Am. J. Trop. Med. and Hyg., v. 26 (5, part 1), 837-849

Plasmodium cynomolgi in Macaca mulatta, P. vivax and P. falciparum in Aotus trivirgatus griseimembra (both exper.), therapeutic potentiation with combinations of pyrimethamine and sulfonamides, good response in pyrimethamine susceptible and resistant strains except for Malayan Camp and Vietnam Smith strains of P. falciparum

Sulfamethoxypyrazine

Terragna, A.; et al., 1970, Minerva Med., v. 61 (23), 1129-1133

Toxoplasma gondii in mice (exper.), laboratory trials using sulfamethoxypyrazine

Sulfalene -- Continued.

Sulfamethopyrazine (Policydal)

Tsukamoto, M.; et al., 1975, Nettai Igaku (Trop. Med.), v. 17 (1), 13-26

Plasmodium spp. in humans, field trials of biochemical analysis of blood and urine, value comparisons before and after antimalarial therapy: Philippines

Sulfamerazine -- Belmet (with Sulfamethazine sodium and Sulfadiazine sodium); Tricombil (with Sulfadiazine and Sulfamethazine).

Tricombil + Pyrimethamine

Apt, W., 1970, Bol. Chileno Parasitol., v. 25 (1-2), 65-68

Toxoplasma gondii, criteria for treating humans with pyrimethamine and sulfa drugs, pharmacologic action, treatment of toxic side effects with folinic acid, recommendation for prophylactic treatment of newborn infants exposed to infection

Sulfamerazine + Sulfadiazine + Sulfamethazine (= Tricombil)

Apt, W.; Niedmann, G.; and Atias, A., 1968, Bol. Chileno Parasitol., v. 23 (3-4), 102-107

known or suspected Toxoplasma gondii infections in pregnant women, treatment during pregnancy with pyrimethamine combined with sulfa drugs, favorable results in selected clinical trials

Sulfamerazine sodium + Sulfamethazine sodium + Sulfadiazine sodium (= Belmet)

Manuel, M. F.; Parawan, O. O.; and Alonso, N. V. II, 1975, Philippine J. Vet. Med., v. 13 (1-2), 1974, 137-146

Eimeria tenella, chicks, clinical signs, cecal pathology, mortality rate, therapeutic value of various water-soluble coccidiostats

Sulfameter -- Bayrena; Durenat; Sulfamethoxydiazine.

Sulfamethoxydiazine + Pyrimethamine

Apt, W., 1970, Bol. Chileno Parasitol., v. 25 (1-2), 65-68

Toxoplasma gondii, criteria for treating humans with pyrimethamine and sulfa drugs, pharmacologic action, treatment of toxic side effects with folinic acid, recommendation for prophylactic treatment of newborn infants exposed to infection

Sulfamethoxydiazine (Bayrena)

Apt, W.; Niedmann, G.; and Atias, A., 1968, Bol. Chileno Parasitol., v. 23 (3-4), 102-107

known or suspected Toxoplasma gondii infections in pregnant women, treatment during pregnancy with pyrimethamine combined with sulfa drugs, favorable results in selected clinical trials

Sulfameter -- Continued.

Sulfamethoxydiazine (Durenat)
Djudovic, P.; et al., 1976, Pharmazie, v. 31 (12), 845-849
quinoline-3-, 6-methoxyquinoline-3-, and quinoxaline-2-derivatives, synthesis, activity against drug-sensitive and resistant strains of Plasmodium spp. in white mice and canaries, comparison with known antimalarials

Sulphamethoxydiazine
Dvorak, M.; et al., 1977, Veterinaria, Praha, v. 19 (1-2), 31-73
coccidiosis, poultry, preclinical tests using darvisul as standard for comparison, screening trials with sulphonamides and diaminopyrimidines; development of preparation Sulfakombin suitable for administration in water

Bayrena + Daraprim
Laudanski, T., 1974, Polski Tygod. Lekar., v. 29 (32), 1389-1390
Toxoplasma gondii causing habitual abortion in women successfully treated with daraprim in conjunction with rovamycin or bayrena, normal healthy newborns delivered after therapy: Poland

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Sulfamethazine -- Aureo-S-700 (with Aureomycin); Belmet (with Sulfadiazine sodium and Sulfamerazine sodium); Polymix (with Sulfaquinoxaline and Stovarsol and Nitrofurazone); Sodium sulfadimethyl-pyrimidine; Sulfadimidine; Sulfakombin (with Diaveridin); Sulfamethazine sodium; Sulmet; Tricombil (with Sulfamerazine and Sulfadiazine); Vesadin; Vinmethazine.

Sulphamethazine + Aureomycin (= Aureo-S-700)
Ajayi, J. A., 1976, Parasitology, v. 72 (3), 335-343
8 ovine Eimeria spp., effects of temperature and Aureo-S-700 on sporulation, viability, and infectivity of oocysts

Sulphamethazine-Aureomycin (=Aureo-S700)
Ajayi, J. A.; and Todd, A. C., 1977, Brit. Vet. J., v. 133 (2), 166-174
Eimeria spp., lambs, two levels of aureomycin-sulphamethazine supplement, smaller dose permitted resistance to be acquired, higher dose suppressed coccidial growth and multiplication but did not permit development of resistance

Tricombil + Pyrimethamine
Apt, W., 1970, Bol. Chileno Parasitol., v. 25 (1-2), 65-68
Toxoplasma gondii, criteria for treating humans with pyrimethamine and sulfa drugs, pharmacologic action, treatment of toxic side effects with folinic acid, recommendation for prophylactic treatment of newborn infants exposed to infection

Sulfamethazine -- Continued.

Sulfamethazine + Sulfamerazine + Sulfadiazine (= Tricombil)
Apt, W.; Niedmann, G.; and Atias, A., 1968, Bol. Chileno Parasitol., v. 23 (3-4), 102-107
known or suspected Toxoplasma gondii infections in pregnant women, treatment during pregnancy with pyrimethamine combined with sulfa drugs, favorable results in selected clinical trials

Sulfadimidin
Betke, P.; and Wilhelm, A., 1976, Monatsh. Vet.-Med., v. 31 (15), 585-589
Eimeria anseris, geese, peracute outbreak, clinical symptoms, laboratory diagnosis, control with sulfadimidin: Cottbus

Sulphadimidine
Catchpole, J.; and Norton, C. C., 1975, J. Protozool., v. 22 (3), 49A [Abstract]
Eimeria intestinalis, rabbits (exper.), pathogenic effects increased with higher dose levels, developmental stages observed, sulphaquinoxaline in food was partially effective as preventive but not clopidol, treatment in drinking water with sulphadimidine was successful but not amprolium + ethopabate

Sulphadimidine
Chapman, H.D.; Lewis, J.A.; and Searle, R.M., 1973, Research Vet. Sc., v. 14 (3), 369-375
growth of lambs during acquisition of natural infection of coccidia acquired at pasture, no difference in growth between untreated and amprolium-sulphadimidine treated groups; absence of effect on growth of identical medication regime in relatively coccidia-free lambs indicates lack of toxicity of drugs; results demonstrate that natural subclinical infections of coccidia are not important under this husbandry system

Sulphadimidin
Dvorak, M.; et al., 1977, Veterinaria, Praha, v. 19 (1-2), 31-73
coccidiosis, poultry, preclinical tests using darvisul as standard for comparison, screening trials with sulphonamides and diaminopyrimidines; development of preparation Sulfakombin suitable for administration in water

Sulphadimidin + Diaveridin (= Sulfakombin)
Dvorak, M.; et al., 1977, Veterinaria, Praha, v. 19 (1-2), 31-73
coccidiosis, poultry, preclinical tests using darvisul as standard for comparison, screening trials with sulphonamides and diaminopyrimidines; development of preparation Sulfakombin suitable for administration in water

Sulfamethazine (Vinmethazine)
Foreyt, W. J.; Todd, A. C.; and Hartsough, G. R., 1977, Am. J. Vet. Research, v. 38 (3), 391-394
Isospora laidlawi, Eimeria vison and Eimeria sp. in Mustela vison (exper.), limited anticoccidial activity

Sulfamethazine -- Continued.

Sulfamethazine + Penicillin + Chlortetracycline
Foreyt, W. J.; Todd, A. C.; and Hartsough, G. R., 1977, Am. J. Vet. Research, v. 38 (3), 391-394
Isospora laidlawi, Eimeria vison and Eimeria sp. in Mustela vison (exper.), good results

Sulfamethazine (Sulmet)
Heath, G. E.; et al., 1975, Am. J. Vet. Research, v. 36 (7), 913-917
rates of depletion of free sulfamethazine from edible tissues, blood, urine, and feces of turkey poults

Sulfamethazine sodium + Sulfadiazine sodium + Sulfamerazine sodium (= Belmet)
Manuel, M. F.; Parawan, O. O.; and Alonso, N. V. II, 1975, Philippine J. Vet. Med., v. 13 (1-2), 1974, 137-146
Eimeria tenella, chicks, clinical signs, cecal pathology, mortality rate, therapeutic value of various water-soluble coccidiostats

Polymix
Manuel, M. F.; Parawan, O. O.; and Alonso, N. V. II, 1975, Philippine J. Vet. Med., v. 13 (1-2), 1974, 137-146
Eimeria tenella, chicks, clinical signs, cecal pathology, mortality rate, therapeutic value of various water-soluble coccidiostats

Sodium sulfadimethyl-pyrimidine (Sulmet)
Manuel, M. F.; Parawan, O. O.; and Alonso, N. V. II, 1975, Philippine J. Vet. Med., v. 13 (1-2), 1974, 137-146
Eimeria tenella, chicks, clinical signs, cecal pathology, mortality rate, therapeutic value of various water-soluble coccidiostats

Sulfamethazine + Penicillin + Chlortetracycline
Onawunmi, O. A.; and Todd, A. C., 1976, Am. J. Vet. Research, v. 37 (6), 657-660
porcine coccidiosis (exper.), suppression and control with chlortetracycline combination, buquinolate, and lincomycin hydrochloride

Vesadin
Rao, G. S.; Surendran, N. S.; and Choudary, K. V., 1973, Indian Vet. J., v. 50 (1), 104-105
theileriasis, exotic and cross-bred cows, treatment, best results using Berenil coupled with Achromycin: Andhra Pradesh

Sulfadimidin + Diaveridin (=Sulfakombin)
Reichel, F.; Sevcikova, E.; and Firmanova, A., 1977, Veterinarstvi, v. 27 (5), 217-218
coccidiosis, chickens, rabbits, sulfakombin, clinical evaluation

Sulfamethazine -- Continued.

Sulphadimidine
Ryley, J. F.; and Wilson, R. G., 1976, Parasitology, v. 73 (2), 137-148
Eimeria tenella, practical considerations involved in screening drugs in cell culture and in the chicken, analysis for incidence of anticoccidial activity and host cell toxicity based on 11,550 compounds screened in vitro, correlation of activity in vitro and in vivo attempted, results show that screening compounds in vitro is not satisfactory or reliable alternative to screening in chickens, but in vitro studies can play a part in evaluation of active drugs

Sulphadimidine
Ryley, J. F.; and Wilson, R. G., 1976, Parasitology, v. 73 (3), 287-309
Eimeria tenella, features of anticoccidial activity of 9 older anticoccidials re-investigated both in vivo and in cell culture, methodology discussed in relation to more active and more recent anticoccidials, further experiments with robenidine reported

Sulfadimidine
Vethanyagam, A.; and Bryceson, A. D. M., 1977, Tr. Roy. Soc. Trop. Med. and Hyg., v. 70 (5-6), 1976, 524-525
Toxoplasma gondii in man presenting and treated as hepatitis with mixed Giardia lamblia infection, later diagnosis of active acquired toxoplasmosis and treatment with pyrimethamine and sulfadimidine resolved condition: Great Britain

Sulphadimidine
Wilkinson, G. T., 1977, Vet. Rec., v. 100 (8), 156-157
Isospora felis, cats, good results using sulphadimethoxine, no effect on number of oocysts in faeces of one cat treated with sulphadimidine; results indicate need to keep closed cat colony closed for disease prevention

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Sulfamethazine sodium. See Sulfamethazine.

Sulfamethazole + Pyrimethamine
Ivady, G., 1976, Monatschr. Kinderh., v. 124 (7), 577-581
Pneumocystis carinii pneumonia, differentiation into type affecting premature infants and type affecting immunodeficient adults and children, prophylaxis and treatment with pentamidine, pyrimethamine, sulfamethazole

Sulfamethopyrazine. See Sulfalene.

Sulfamethoxazole -- Bactrim (with Trimethoprim); Co-trimoxazole (with Trimethoprim); Septrin (with Trimethoprim).

Sulphamethoxazole + Trimethoprim + Quinine
Colwell, E. J.; Hickman, R. L.; and Kosakal, S., 1973, Ann. Trop. Med. and Parasitol., v. 67 (2), 125-132
Plasmodium falciparum, human, acute malaria, quinine-tetracycline, quinine-sulphamethoxazole-trimethoprim, onset of action, cure rate, cost, patient acceptability: Thailand

Sulfamethoxazole + Trimethoprim (=Bactrim)
Domart, A.; Robineau, M.; and Carbon, C., 1973, Nouv. Presse Med., v. 2 (5), 321-322 [Letter]
human acquired toxoplasmosis, sulfamethoxazole + trimethoprim results in rapid regression of symptoms

Sulfamethoxazole
Duma, R. J.; and Finley, R., 1976, Antimicrob. Agents and Chemotherapy, v. 10 (2), 370-376
Naegleria fowleri, Acanthamoeba castellanii, A. polyphaga, in vitro susceptibility to variety of therapeutic agents, results suggest that amphotericin B is most effective agent against Naegleria but few agents are effective against Acanthamoeba

Sulfamethoxazole + Trimethoprim
Duma, R. J.; and Finley, R., 1976, Antimicrob. Agents and Chemotherapy, v. 10 (2), 370-376
Naegleria fowleri, Acanthamoeba castellanii, A. polyphaga, in vitro susceptibility to variety of therapeutic agents, results suggest that amphotericin B is most effective agent against Naegleria but few agents are effective against Acanthamoeba

Sulfamethoxazole + Trimethoprim
Fegies, M.; and Guerrero, J., 1977, Tr. Roy. Soc. Trop. Med. and Hyg., v. 71 (2), 178-179
Toxoplasma gondii in humans, levamisole used alone or in conjunction with sulfamethoxazole and trimethoprim as chemical immunomodulator of cellular immune response, results of clinical trials favorable

Sulfamethoxazole
Ferone, R., 1973, J. Protozool., v. 20 (3) 459-464
Plasmodium berghei, synthesis of dihydropteroate and dihydrofolate, some properties of enzymes involved, enzymic synthesis of dihydropteroate inhibited by several sulfonamides and diaminodiphenylsulfone

Sulfamethoxazole + Trimethoprim (= Bactrim)
Lafrenz, M.; et al., 1973, Munchen. Med. Wchnschr., v. 115 (46), 2057-2061
Toxoplasma gondii, laboratory trials with mice and human clinical trials using combined sulfamethoxazole and trimethoprim, few side-effects: Rostock

Sulfamethoxazole + Trimethoprim (= Co-trimoxazole)
Lau, W. K.; and Young, L. S., 1976, N. England J. Med., v. 295 (13), 716-718
Pneumocystis carinii pneumonia in adults on immunosuppressive therapy successfully treated with co-trimoxazole; results comparable to those reported for pentamidine

Sulfamethoxazole -- Continued.

Co-trimoxazole (Bactrim)
Lau, W. K.; Young, L. S.; and Remington, J. S., 1976, J. Am. Med. Ass., v. 236 (21), 2399-2402
Pneumocystis carinii, human pneumonia, diagnosis by examination of pulmonary secretions, co-trimoxazole or pentamidine alone or with sulfadiazine-pyrimethamine: California

Sulfamethoxazole + Trimethoprim (= Co-trimoxazole)
Lefkowitz, L. B., jr., 1977, N. England J. Med., v. 296 (1), 47 [Letter]
Pneumocystis carinii pneumonia in immunologically compromised patients, recommendations and suggestions for co-trimoxazole therapy

Sulfamethoxazole + Trimethoprim
Maier, W.; and Piekarski, G., 1976, Arzneimittel-Forsch., v. 26 (4a), 620-622
laboratory trials comparing efficacy of combination trimethoprim/sulfamoxole with trimethoprim/sulfamethoxazole, Toxoplasma gondii-infected albino mice

Sulfamethoxazole + Trimethoprim (= Co-trimoxazole)
Miser, J. S.; Savitch, J.; and Bleyer, W. A., 1977, N. England J. Med., v. 296 (1), 47 [Letter]
Pneumocystis carinii pneumonia in immunologically compromised patients, recommendations and suggestions for co-trimoxazole therapy

Sulfamethoxazole + Trimethoprim (= Cotrimoxazole)
Nguyen, B. T.; and Stadtsbaeder, S., 1975, Path. Europ., v. 10 (4), 307-315
Toxoplasma gondii in culture, trimethoprim alone or with sulfamethoxazole as synergist (cotrimoxazole) resulted in inhibition of intracellular multiplication, prolonged therapy resulted in eradication of organisms from cell monolayers; similar trials with spiramycin ineffective

Sulphamethoxazole + Trimethoprim (= Septrin)
Pietrushka, D.; et al., 1974, J. Protozool., v. 21 (3), 465 [Abstract]
Isospora belli causing severe coccidiosis in a 51-year-old woman, partial remission with relapse obtained with Entobex, radical cure with Septrin: Israel

Cotrimoxazol
Stadtsbaeder, S.; Nguyen, B. T.; and Calvin-Preval, M. C., 1975, Ann. Immunol., v. 126C (4), 461-474
Toxoplasma gondii, mice, immunization with living parasites concomitant to cotrimoxazol treatment, phagocytosis/penetration and intracellular multiplication of Toxoplasma in normal or immune macrophages in the absence or presence of specific antibodies

Sulphamethoxazole + Trimethoprim (= Septrin)
Wilkinson, R. N.; Colwell, E. J.; and Neoypatimanond, S., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (1), 148-149 [Letter]
Plasmodium falciparum, gametocytes not sterilized by sulphamethoxazole-trimethoprim treatment, this treatment regimen should be supplemented by effective gametocytocidal or sporontocidal drug to interrupt transmission

Sulfamethoxazole -- Continued.

Sulfamethoxazole + Trimethoprim (= Co-trimoxazole)
Young, L. S.; and Lau, W. K., 1977, N. England J. Med., v. 296 (1), 48 [Letter]
Pneumocystis carinii pneumonia in immunologically compromised patients, recommendations and suggestions for co-trimoxazole therapy

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Sulfamethoxydiazine. See Sulfameter.

Sulfamethoxypyrazine. See Sulfalene.

Sulfamethoxypyridazine -- Lederkyn.

Sulfamethoxypyridazine + Pyrimethamine
Apt, W., 1970, Bol. Chileno Parasitol., v. 25 (1-2), 65-68
Toxoplasma gondii, criteria for treating humans with pyrimethamine and sulfa drugs, pharmacologic action, treatment of toxic side effects with folinic acid, recommendation for prophylactic treatment of newborn infants exposed to infection

Sulfamethoxypyridazine (Lederkyn)
Apt, W.; Niedmann, G.; and Atias, A., 1968, Bol. Chileno Parasitol., v. 23 (3-4), 102-107
known or suspected Toxoplasma gondii infections in pregnant women, treatment during pregnancy with pyrimethamine combined with sulfa drugs, favorable results in selected clinical trials

Sulfamethoxypyridazine
Atias, A.; Pasmanik, S.; and Niedmann, G., 1966, Bol. Chileno Parasitol., v. 21 (4), 108-111
human ocular toxoplasmosis, analysis of cases before and after treatment with pyrimethamine and sulfamethoxypyridazine (active cases also received prednisone): Chile

Sulfamethoxypyridazine + Pyrimethamine
Schmidt, L. H.; et al., 1977, Am. J. Trop. Med. and Hyg., v. 26 (5, part 1), 837-849
Plasmodium cynomolgi in Macaca mulatta, P. vivax and P. falciparum in Aotus trivirgatus griseimembra (both exper.), therapeutic potentiation with combinations of pyrimethamine and sulfonamides, good response in pyrimethamine susceptible and resistant strains except for Malayan Camp and Vietnam Smith strains of P. falciparum

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Sulfametopyrazine. See Sulfalene.

Sulfamides + Pyrimethamine
Charmot, G., 1973, Medecine Afrique Noire, v. 20 (10), 745-751
human malaria, clinical indications for drug selection and treatment

Sulfamix
Szalay, G.; and Sari, I., 1976, Magy. Allat. Lapja, v. 98, v. 31 (2), 95-96
Eimeria nocens, E. anseris, large scale goose farms, control with Sulfamix

Sulfamonomethoxine -- Daimeton; DJ 1550; 4-Methoxy-6-sulfanilamidopyrimidine monohydrate.

Sulfamonomethoxine (DJ 1550)
Cabrera, B. D.; and Ramos, O. L., 1972, Southeast Asian J. Trop. Med. and Pub. Health, v. 3 (4), 501-504
Plasmodium vivax, P. falciparum, humans, trials with low dose sulfamonomethoxine, good results as causal prophylactic drug: Palawan, Philippines

Sulfamonomethoxine-Pyrimethamine
Ebisawa, I.; Fukuyama, T.; and Kawamura, Y., 1976, Trop. and Geogr. Med., v. 28 (4), 349-354
Plasmodium falciparum, humans, additional foci of chloroquine resistant strain discovered in Indonesia, responsive to single-dose therapy with sulfadoxine-pyrimethamine or sulfamonomethoxine-pyrimethamine

Sulfamonomethoxine (Daimeton)
Huang, R. J.; and Lee, Y. C., 1975, J. Chinese Soc. Vet. Sc., v. 1 (2), 104-110
Eimeria tenella, chickens, immunization by use of anticoccidials

Daimeton (Sulfamonomethoxine)
Lee, Y. C.; and Chang, C. H., 1975, J. Chinese Soc. Vet. Sc., v. 1 (1), 20-23
Leucocytozoon sabrazesi, chickens, preventive and therapeutic effect of daimeton

Sulfamonomethoxine (Daimeton)
Manuel, M. F.; and Morales, E. G., 1975, Philippine J. Vet. Med., v. 13 (1-2), 1974, 147-155
Akiba caulleryi, chickens, clinical signs, infectivity and mortality rates, prophylactic value of sulfamonomethoxine administered in feed, good results; drug not effective against E[imeria] tenella

Sulfamonomethoxine (Daimeton)
Manuel, M. F.; Parawan, O. O.; and Alonso, N. V. II, 1975, Philippine J. Vet. Med., v. 13 (1-2), 1974, 137-146
Eimeria tenella, chicks, clinical signs, cecal pathology, mortality rate, therapeutic value of various water-soluble coccidiostats

Sulphamonomethoxine
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

Sulfamonomethoxine -- Continued.

Sulphamonomethoxine
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

Sulphamonomethoxine
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

Sulfamonomethoxine (DJ 1550)
Ramos, O. L.; and Cabrera, B. D., 1972, Southeast Asian J. Trop. Med. and Pub. Health, v. 3 (4), 562-568
Plasmodium falciparum, P. vivax, humans, evaluation of blood schizonticidal and radical curative activities of sulfamonomethoxine alone or combined with pyrimethamine in strains resistant and sensitive to chloroquine

Sulfamonomethoxine + Pyrimethamine
Ramos, O. L.; and Cabrera, B. D., 1972, Southeast Asian J. Trop. Med. and Pub. Health, v. 3 (4), 562-568
Plasmodium falciparum, P. vivax, humans, evaluation of blood schizonticidal and radical curative activities of sulfamonomethoxine alone or combined with pyrimethamine in strains resistant and sensitive to chloroquine

Sulfamonomethoxine
Sasaki, S.; et al., 1976, Nippon Zyuisi-Kai Zassi (J. Japan Vet. Med. Ass.), v. 29 (2), 77-82
Toxoplasma, collective outbreak on swine breeding farm, sulfamonomethoxine

Sulfamonomethoxine
Werner, H.; and Catar, G., 1974, Tropenmed. u. Parasitol., v. 25 (3), 313-317
Toxoplasma gondii, mice, SDDS in combination with pyrimethamine or sulfamonomethoxine, possible to prevent formation of cysts but not to eliminate cysts from chronic infections

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Sulfamoxole -- CN 3123 (with Trimethoprim); N'-(4,5-Dimethyl-2-oxazolyl)-sulfanilamide; Nevin (Chemie Grunenthal GmbH) (with Trimethoprim); Supristol (with Trimethoprim).

Sulfamoxole -- Continued.

Sulfamoxole + Trimethoprim (= CN 3123; Nevin; Supristol)
Arzneimittel-Forsch., v. 26 (4a), 1976, 595-678
sulfamoxole in combination with trimethoprim, multiple articles testing pharmacological properties, efficacy in parasitic and bacterial infections and possible toxicity

Sulfamoxole + Trimethoprim (= CN 3123; Nevin; Supristol)
Kohlmann, F. W.; and Sous, H., 1976, Arzneimittel-Forsch., v. 26 (4a), 618-620
pharmacological action and efficacy of combination sulfamoxole and trimethoprim against Plasmodium gallinaceum in chickens and Plasmodium berghei in mice, laboratory trials

Sulfamoxole + Trimethoprim (= CN 3123; Nevin; Supristol)
Maier, W.; and Piekarski, G., 1976, Arzneimittel-Forsch., v. 26 (4a), 620-622
laboratory trials comparing efficacy of combination trimethoprim/sulfamoxole with trimethoprim/sulfamethoxazole, Toxoplasma gondii-infected albino mice

Sulphamoxole
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

Sulphamoxole
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

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2-Sulfamoyl-4,4'-diaminodiphenylsulfone -- SDDS.

2-Sulfamoyl-4,4-diaminodiphenylsulfone (SDDS)
Dubey, J. P.; and Yeary, R. A., 1977, Canad. Vet. J., v. 18 (3), 51-57
Toxoplasma gondii, cats (exper.), 2-sulfamoyl-4,4-diaminodiphenylsulfone, sulfadiazine and pyrimethamine (not reliable); clindamycin (might be effective)

2-Sulfamoyl-4,4'-diaminodiphenylsulfone -- Continued.

2-Sulfamoyl-4,4'-diaminodiphenyl-sulfone (SDDS)
Ito, S.; and Tsunoda, K., 1975, Japan Agric. Research Quart., v. 9 (4), 221-224
piglets inoculated with 2 strains of Toxoplasma oocysts: natural transfer to uninfected piglets in same pen, exper. transfer to mice from infected visceral organs of piglets; piglets nat. and exper. infected with toxoplasmosis by feeding on leaf-moulds contaminated with cat feces, treatment with 2-sulfamoyl-4,4'-diaminodiphenyl-sulfone (SDDS)

SDDS (2-Sulfamoyl-4,4'-diaminodiphenylsulfone)
Miyata, A., 1976, Nettai Igaku (Trop. Med.), v. 18 (3), 113-124
Toxoplasma gondii, RH and Beverley strains, attempts to change virulence using antitoxoplasma drugs and steroids, variations in mouse (exper.) survival time

2-Sulfamoyl-4,4'-diaminodiphenylsulfone (SDDS)
Murosaku, A., 1976, Nippon Zyuisi-Kai Zassi (J. Japan Vet. Med. Ass.), v. 29 (5), 263-267
Toxoplasma antibody survey, cats, indirect hemagglutination test, medication with 2-sulfamoyl-4,4'-diaminodiphenylsulfone, no negative reactions changed to positive, no increase in antibody titer in positive cats

Sulfamoyl-4,4-diaminodiphenyl sulfone (SDDS)
Werner, H.; and Catar, G., 1974, Tropenmed. u. Parasitol., v. 25 (3), 313-317
Toxoplasma gondii, mice, SDDS in combination with pyrimethamine or sulfamonomethoxine, possible to prevent formation of cysts but not to eliminate cysts from chronic infections

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Sulfanilamide
Ferone, R., 1973, J. Protozool., v. 20 (3), 459-464
Plasmodium berghei, synthesis of dihydropteroate and dihydrofolate, some properties of enzymes involved, enzymic synthesis of dihydropteroate inhibited by several sulfonamides and diaminodiphenylsulfone

Sulfanitran -- Novastat (with Aklomide); Novastat-W (with Aklomide).

Sulfanitran
Lucas, I. A. M., 1972, Proc. Nutrition Soc., v. 31 (1), 1-8
antiprotozoal agents added to feed of farm animals, review of accepted agents and suggested usage and dosages

Novastat
McLoughlin, D. K.; and Chute, M. B., 1973, Avian Dis., v. 17 (4), 717-721
Eimeria tenella, chickens (exper.), nequinate, good results against a sensitive strain and strains resistant to non-quinoline coccidiostats, development of nequinate-resistant strain, cross-resistance study

Sulfanitran -- Continued.

Novastat-W
Manuel, M. F.; Parawan, O. O.; and Alonso, N. V. II, 1975, Philippine J. Vet. Med., v. 13 (1-2), 1974, 137-146
Eimeria tenella, chicks, clinical signs, cecal pathology, mortality rate, therapeutic value of various water-soluble coccidiostats

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Sulfaphenazole
Peters, W.; et al., 1977, Ann. Trop. Med. and Parasitol., v. 71 (4), 407-418
Plasmodium berghei, chloroquine sensitive and resistant strains, or mixed infections with P. yoelii nigeriensis, efficacy and mode of action of mefloquine in mice (exper.), evidence of potent blood schizontocide with effects enhanced by addition of pyrimethamine, sulfaphenazole or primaquine

Sulphaphenazole
Peters, W.; Portus, J. H.; and Robinson, B. L., 1973, Ann. Trop. Med. and Parasitol., v. 67 (2), 143-154
Plasmodium berghei, effect of chloroquine on development of resistance to sulphaphenazole, effect of other sulphonamides on sulphaphenazole-resistant line, effect of chloroquine on development of resistance to pyrimethamine, effect of chloroquine-pyrimethamine combination against chloroquine resistant strain first attacked with chloroquine alone

Sulphaphenazole
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

Sulfaphenazole
Peters, W.; Portus, J.; and Robinson, B. L., 1977, Ann. Trop. Med. and Parasitol., v. 71 (4), 419-427
Plasmodium berghei, mice (exper.), studies on development of resistance to mefloquine and possible means of slowing down resistance process by mixing mefloquine with pyrimethamine, sulfaphenazole or primaquine; recommendation that mefloquine be used only to treat chloroquine resistant P. falciparum

Sulfapyridazine
Madatov, R. I.; and Mershchiev, V. M., 1973, Vestnik Sel'skokhoz. Nauki Kazakhstana (11), 75-78
nosematosis, bees, chemotherapy, sulfapyridazine + chlortetracyclin most effective

Sulfaquinoxaline -- Amprolvet Super (with Amprolium); Darvisul (with Diaveridine); Embazin; Embazin premix; Mixture A.E.S. (with Amprolium and Ethopabate); Noxal; Pancoxin (with Ethopabate and Amprolium); Polymix (with Sulfamethazine and Stovarsol and Nitrofurazone); Saquadil (with Diaveridine); Sulfaquinoxaline sodium; Whitsyn 10 (with Pyrimethamine).

Sulfaquinoxaline + Pyrimethamine (=Whitsyn 10)
Bombeke, A.; Okerman, F.; and Moermans, R., 1977, Rev. Agric., Bruxelles, v. 30 (3), 749-760
coccidiostats whitsyn 10, coyden 25 in feed of growing rabbits, growth, feed consumption and feed conversion efficiency; statistical analysis methods

Sulphaquinoxaline
Catchpole, J.; and Norton, C. C., 1975, J. Protozool., v. 22 (3), 49A [Abstract]
Eimeria intestinalis, rabbits (exper.), pathogenic effects increased with higher dose levels, developmental stages observed, sulphaquinoxaline in food was partially effective as preventive but not clopidol, treatment in drinking water with sulphadimidine was successful but not amprolium + ethopabate

Sulphaquinoxaline + Ethopabate + Amprolium (=Pancoxin)
Chapman, H. D., 1976, Avian Path., v. 5 (4), 283-290
Eimeria tenella, E. acervulina, E. maxima, incidence in broiler house used for commercial drug trials, resistance to various anticoccidials

Sulphaquinoxaline
Chapman, H. D., 1976, Vet. Parasitol., v. 1 (4), 299-308
Eimeria tenella, delayed treatment used to study mode of action of 7 anticoccidial drugs in the chicken and chicken embryo

Embazin
Chhabra, M. B.; and Ruprah, N. S., 1976, Indian Vet. J., v. 53 (4), 260-262
Eimeria tenella, Eimeria necatrix, single and mixed infections, chickens, comparative efficacy of 4 coccidiostats (Bifuran, Cycostat, Deccox, Embazin)

Sulfaquinoxaline
Dvorak, M.; et al., 1977, Veterinaria, Praha, v. 19 (1-2), 31-73
coccidiosis, poultry, preclinical tests using darvisul as standard for comparison, screening trials with sulphonamides and diaminopyrimidines; development of preparation Sulfakombin suitable for administration in water

Darvisul
Dvorak, M.; et al., 1977, Veterinaria, Praha, v. 19 (1-2), 31-73
coccidiosis, poultry, preclinical tests using darvisul as standard for comparison, screening trials with sulphonamides and diaminopyrimidines; development of preparation Sulfakombin suitable for administration in water

Sulfaquinoxaline -- Continued.

Sulfaquinoxaline
Foreyt, W. J.; Todd, A. C.; and Hartsough, G. R., 1977, Am. J. Vet. Research, v. 38 (3), 391-394
Isospora laidlawi, Eimeria vison, and Eimeria sp. in Mustela vison (exper.), good results

Sulfaquinoxaline
Huang, R. J.; and Lee, Y. C., 1975, J. Chinese Soc. Vet. Sc., v. 1 (2), 104-110
Eimeria tenella, chickens, immunization by use of anticoccidials

Sulphaquinoxaline
Joyner, L. P.; and Norton, C. C., 1973, Research Vet. Sc., v. 14 (3), 279-284
Eimeria meleagrimitis known to be sulphaquinoxaline-resistant, activity of amprolium and ethopabate separately or together or in combination with sulphaquinoxaline in Mixture A.E.S., results indicate that activity of mixture was due to ethopabate component although one strain proved resistant to it also, activity of ethopabate reversed by p-aminobenzoic acid; Eimeria adenoeides, effect of amprolium, sulphaquinoxaline, and ethopabate separately and in combination, ethopabate on its own was completely ineffective

Sulphaquinoxaline + Amprolium + Ethopabate (= Mixture A.E.S.; Pancoxin)
Joyner, L. P.; and Norton, C. C., 1973, Research Vet. Sc., v. 14 (3), 279-284
Eimeria meleagrimitis known to be sulphaquinoxaline-resistant, activity of amprolium and ethopabate separately or together or in combination with sulphaquinoxaline in Mixture A.E.S., results indicate that activity of mixture was due to ethopabate component although one strain proved resistant to it also, activity of ethopabate reversed by p-aminobenzoic acid; Eimeria adenoeides, effect of amprolium, sulphaquinoxaline, and ethopabate separately and in combination, ethopabate on its own was completely ineffective

Sulphaquinoxaline
Joyner, L. P.; and Norton, C. C., 1975, J. Protozool., v. 22 (3), 52A-53A [Abstract]
Eimeria maxima, transfer of drug resistance from one strain to another when passaged together in chicks

Sulphaquinoxaline
Joyner, L. P.; and Norton, C. C., 1977, Parasitology, v. 74 (2), 205-213
Eimeria maxima, genetic transfer of drug resistance, results support view that drug resistance factors are transferred at zygote formation, phenomenon took place between variants of the same species (Eimeria maxima var. indentata) but not between different species (Eimeria brunetti), transference not affected by treatment with acriflavine

Sulphaquinoxaline (Embazin)
Kirkwood, A. C., 1974, Ann. Trop. Med. and Parasitol., v. 68 (1), 125-128
Dermanyssus gallinae, systemic activity of sulphaquinoxaline, sulphadoxine, and sulphadimethoxine administered orally to chickens, only doses too high for practicable use controlled the mites

Sulfaquinoxaline -- Continued.

Sulphaquinoxaline
Long, P. L., 1973, Folia Vet. Latina, v. 3 (1), 89-109
Eimeria tenella, Eimeria mivati, cultured in chick embryos, technique for screening

Sulphaquinoxaline
Long, P. L.; and Millard, B. J., 1977, Avian Path., v. 6 (3), 227-233
coccidiosis, turkeys treated with sulphaquinoxaline and monensin, evaluation of infection by number of oocysts in litter, good control and improved weight gain with monensin

Sulfaquinoxaline
Lucas, I. A. M., 1972, Proc. Nutrition Soc., v. 31 (1), 1-8
antiprotozoal agents added to feed of farm animals, review of accepted agents and suggested usage and dosages

Sulphaquinoxaline
McHardy, N.; Haigh, A. J. B.; and Dolan, T. T., 1976, Nature, London (5562), v. 261, 698-699
Theileria parva, drug screening in vitro, only Menoctone showed appreciable activity, subsequent tests in cattle artificially infected with ECF confirmed activity of Menoctone against the disease, mode of action not clear but seems to act against schizont or earlier stages and probably along a widely occurring biochemical pathway

Sulfaquinoxaline sodium (Noxal)
Manuel, M. F.; Parawan, O. O.; and Alonso, N. V. II, 1975, Philippine J. Vet. Med., v. 13 (1-2), 1974, 137-146
Eimeria tenella, chicks, clinical signs, cecal pathology, mortality rate, therapeutic value of various water-soluble coccidiostats

Polymix
Manuel, M. F.; Parawan, O. O.; and Alonso, N. V. II, 1975, Philippine J. Vet. Med., v. 13 (1-2), 1974, 137-146
Eimeria tenella, chicks, clinical signs, cecal pathology, mortality rate, therapeutic value of various water-soluble coccidiostats

Sulfaquinoxaline
Mitrovic, M.; and Schildknecht, E. G., 1975, Poultry Science, v. 54 (3), 750-756
Eimeria tenella, chicks, efficacy of lasalocid against sulfaquinoxaline, nicarbazin, zoalene, amprolium, clopidol and 4-hydroxyquinoline resistant E. tenella strains; no resistance to lasalocid induced

Sulphaquinoxaline (Embazin premix)
Panda, N. C.; et al., 1973, Indian Vet. J., v. 50 (1), 22-26
coccidiosis, chicks, Bifuran, sulphaquinoxaline, development of resistance to single coccidiostat over 3 year period; good results against coccidia by alternating drugs yearly

Sulfaquinoxaline -- Continued.

Sulfaquinoxaline
Potter, L. M.; and Shelton, J. R., 1977, Poultry Science, v. 56 (5), 1748-1749 [Abstract]
large white female turkeys, effects of varying protein and methionine levels and of adding anticoccidial agents in their diets to 16 weeks of age, body weights from anticoccidial treatment not significantly different

Saquadil
Razdan, H. N.; Bansal, S. R.; and Gautam, O. P., 1976, Indian Vet. J., v. 53 (4), 255-259
saquadil, mixed infection of Eimeria tenella, E. necatrix, E. mitis, chicks, drug efficacy, good results

Sulfaquinoxaline
Reid, W. M.; et al., 1976, Poultry Science, v. 55 (4), 1436-1441
Eimeria tenella, E. acervulina, chickens, high environmental temperatures, reduction of anticoccidial feed intake, results suggest decreases in feed and anticoccidial intake during heat-stress could seldom cause coccidiosis breaks under field conditions

Darvisul
Ryley, J. F.; and Wilson, R. G., 1976, Parasitology, v. 73 (3), 287-309
Eimeria tenella, features of anticoccidial activity of 9 older anticoccidials re-investigated both in vivo and in cell culture, methodology discussed in relation to more active and more recent anticoccidials, further experiments with robenidine reported

Sulphaquinoxaline
Shirley, M. W.; Millard, B. J.; and Long, P. L., 1977, Parasitology, v. 75 (2), 165-176
Eimeria acervulina var. diminuta and Eimeria acervulina var. mivati compared, growth in vitro, response to anticoccidial drugs, electrophoretic mobility profiles of four enzymes

Amprolvet Super
Sperhake, P.; and Kaleta, E. F., 1974, Prakt. Tierarzt, v. 55, Sondernummer, 29-31
Isospora lacazei, canaries, clinical aspects, pathology, diagnosis, differential diagnosis, therapy with Amprolvet Super in drinking water

Darvisul
Yvore, P.; and Hubert, J., 1977, Rec. Med. Vet., v. 153 (4), 287-291
Eimeria tenella, E. acervulina, halofuginone added to drinking water of infected chickens (exper.), curative effects compared with action of darvisul and amprolium, good results

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Sulfaquinoxaline sodium. See Sulfaquinoxaline.

Sulfathiazole -- Sulfathiazole sodium; Sul thi Zol; Sulzol S.

Sulfathiazole sodium
Eling, W.; and Jerusalem, C., 1977, Tropenmed. u. Parasitol., v. 28 (2), 158-174
Plasmodium berghei infected mice (exper.), immunization studies using sulfathiazole-treated drinking water and comparison with para-aminobenzoic acid deficient diet for control of parasitic proliferation during sensitization period; balance between suppressive effect of drug and survival of parasites in treated host is important for induction of immunity

Sulfathiazole
Eling, W.; and Jerusalem, C., 1977, Tropenmed. u. Parasitol., v. 28 (3), 293-301
Plasmodium berghei, Swiss and C3H/StZ mice (exper.), evaluation of conditions that may affect immunizing capacity of inoculum; actual immunizing capacity depends on magnitude and time of initiation of sulfathiazole treatment after inoculation as well as conditions of storage, medium, and temperature; conditions leading to immunity are apparently strain specific

Sulfathiazole
Ferone, R., 1973, J. Protozool., v. 20 (3), 459-464
Plasmodium berghei, synthesis of dihydropteroate and dihydrofolate, some properties of enzymes involved, enzymic synthesis of dihydropteroate inhibited by several sulfonamides and diaminodiphenylsulfone

Sulfathiazole (Sul thi Zol)
Foreyt, W. J.; Todd, A. C.; and Hartsough, G. R., 1977, Am. J. Vet. Research, v. 38 (3), 391-394
Isospora laidlawi, Eimeria vison, and Eimeria sp. in Mustela vison (exper.), limited anticoccidial activity

Sulfathiazole
Hsu, K. Y., 1971, Nettai Igaku (Trop. Med.), v. 13 (2), 73-85
Toxoplasma gondii cultures using HeLa cells as host cell line, development in the presence of enzymes, on pretreatment with sulfisoxazole or sulfathiazole, or on addition of infected human serum to culture

Sulfathiazole
Huang, R. J.; and Lee, Y. C., 1975, J. Chinese Soc. Vet. Sc., v. 1 (2), 104-110
Eimeria tenella, chickens, immunization by use of anticoccidials

Sulzol S (Sulfathiazole)
Miyata, A., 1976, Nettai Igaku (Trop. Med.), v. 18 (3), 113-124
Toxoplasma gondii, RH and Beverley strains, attempts to change virulence using antitoxoplasma drugs and steroids, variations in mouse (exper.) survival time

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Sulfathiazole sodium. See Sulfathiazole.

Sulfatyf. See Sulfachloropyrazine.

Sulfirame -- Tetmosol; Tetraethylthiuram monosulphide.

Tetraethylthiuram monosulphide
Lal, J.; et al., 1976, Indian Vet. J., v. 53 (7), 543-545
Sarcoptes scabiei, sheep, Cedrus deodara oil more efficacious than benzyl benzoate and tetraethylthiuram monosulphide

Tetraethylthiuram monosulphide (Tetmosol)
Manickam, R.; and Kathaperumal, V., 1975, Kerala J. Vet. Sc., v. 5 (2), 150-153
mites probably belonging to Sarcoptes suis, efficacy of tetraethylthiuram monosulphide (poor results) and benzyl benzoate (good results), pigs

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Sulfisoxazole -- Gantrisin; Sulfafurazole.

Sulfisoxazole
Bamford, C. R., 1975, Neurology, v. 25 (4), 343-345
Toxoplasma gondii presenting with symptoms of brain abscess and meningitis in 41-year-old man being treated for scleroderma, some improvement after therapy with sulfisoxazole and pyrimethamine: Tucson, Arizona

Sulfisoxazole (with Chloroquine phosphate and Pyrimethamine)
Hall, A. P.; Arnold, J. D.; and Martin, D. C., 1974, Southeast Asian J. Trop. Med. and Pub. Health, v. 5 (1), 128-131
human falciparum malaria, clinical trials comparing quinine and chloroquine regimens (both drugs given with associated pyrimethamine and sulfa) in U.S. troops in Vietnam and volunteers in the United States; combinations using quinine most successful

Sulfisoxazole
Hsu, K. Y., 1971, Nettai Igaku (Trop. Med.), v. 13 (2), 73-85
Toxoplasma gondii cultures using HeLa cells as host cell line, development in the presence of enzymes, on pretreatment with sulfisoxazole or sulfathiazole, or on addition of infected human serum to culture

Sulphafurazole (Gantrisin)
Laing, A. B. G., 1974, Tr. Roy. Soc. Trop. Med. and Hyg., v. 68 (2), 133-138
Plasmodium falciparum, hospital trials with Gambian children testing BRL 50216 alone or in combinations with sulphadimethoxine or sulphafurazole (acting as potentiators); some response also with P. malariae; sporontocidal effect only when BRL 50216 given in presence of potentiators

Sulfisoxazole -- Continued.

Sulfisoxazole
Roberts, C. O.; Chaparas, S. D.; and McLaughlin, D., 1976, J. Protozool., v. 23 (2), 34A [Abstract]
Toxoplasma gondii, mammalian and avian cell cultures tested to determine ability to support growth and plaque induction, inhibition of plaque formation by lincocin, sulfisoxazole, cleocin, and aureomycin and by antitoxoplasma antibody

Sulfisoxazole
Roberts, C. O.; Chaparas, S. D.; and McLaughlin, D., 1976, Tr. Am. Micr. Soc., v. 95 (3), 470-482
Toxoplasma gondii, plaque assay technique used to (1) select best tissue culture system for studying progress of infection, (2) assess effect of drugs and antibiotics, (3) observe effect of immune sera on tissue culture infection, and (4) investigate cellular hypersensitivity by in vivo and in vitro systems

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Sulphonamides
Dvorak, M.; et al., 1977, Veterinaria, Praha, v. 19 (1-2), 31-73
coccidiosis, poultry, preclinical tests using darvisul as standard for comparison, screening trials with sulphonamides and diaminopyrimidines; development of preparation Sulfakombin suitable for administration in water

Sulphonamides
Gilles, H. M.; and Clyde, D. F., 1974, Ann. Trop. Med. and Parasitol., v. 68 (3), 367-368
Plasmodium falciparum, human, possible role of acetylator phenotype in alleged sulphonamide drug failures

Sulfonamide
Loeliger, H. C., 1974, Prakt. Tierarzt, v. 55, Sondernummer, 6-9
coccidiosis, rabbits, clinical signs, diagnosis, sulfonamide, review

Sulphonamidoquinoline derivatives
Parrini, V.; et al., 1976, Farmaco, Pavia, ed. Scient., v. 31 (4), pp. 237-253
synthesis and in vitro laboratory trials of activity of sulphonamidoquinoline derivatives against Entamoeba histolytica and Trichomonas vaginalis

Sulformethoxine. See Sulfadoxine.

Sulfur -- Purina Poultry Dust (with Carbaryl); Scabiezma (with Benzyl benzoate); Sulfuratum ointment; Sulikol.

Sulfur -- Continued.

Sulikol
Kadlec, V.; and Kubelka, J., 1974, Vet. Med., Praha, v. 47, v. 19 (5), 249-254
Demodex ovis, sheep, measurements of larvae, nymphs and adults, histopathology, treatment with Hypocid, better success with Sulikol, sulfur compound, first cases reported in Czechoslovak Socialist Republic

Sulfur + Carbaryl (= Purina Poultry Dust)
Keh, B.; and Hawthorne, R. M., 1977, J. Zoo Animal Med., v. 8 (4), 19-24
Hippobosca longipennis on imported Acinonyx jubatus, attempted control with various insecticidal dusts, good results and complete eradication with carbaryl + sulfur; importance of detecting and eliminating future foci of imported H. longipennis: San Pasqual Wild Animal Park, California, imported from East Africa

Sulfur, precipitated
Orkin, M.; Epstein, E.; and Maibach, H. I., 1976, J. Am. Med. Ass., v. 236 (10), 1136-1139
extensive review of treatment and control of human scabies and pediculosis

Scabiezma
Raghavan, R. S.; et al., 1976, Indian Vet. J., v. 53 (5), 369-372
Sarcoptes scabiei and other skin diseases, dogs, calves, clinical symptoms, Scabiezma administered intramuscularly, good results

Sulfuratum ointment
Stanoeva, L. J.; et al., 1972, Makedon. Med. Pregl., v. 27 (5-6), 465-471
scabies, children in pediatric clinic, successful use of benzyl-benzoate and scabin; dermatitis after use of sulfuratum ointment: Macedonia

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Sulfuratum ointment. See Sulfur.

Sulfurous mineral waters
Epureanu, P.; and Lesnic, C., 1970, Presse Therm. et Climat., v. 107 (2), 112-114
human trichomoniasis, chronic cervicitis and cervico-colpitis treated with sulfurous mineral water baths, inflammatory symptoms improved but there was no actual parasiticidal effects from the baths: Calimanesti, Roumanie

Sulikol. See Sulfur.

Sulmet. See Sulfamethazine.

Sulph- See Sulf-

2,2'-Sulphinyl bis (4,6-dichlorophenol). See Bithionol.

Sul thi Zol. See Sulfathiazole.

Sulzol S. See Sulfathiazole.

Sumithion. See Fenitrothion.

Supamix. See Dioxathion.

Supatonin. See Diethylcarbamazine.

Supona. See Chlorfenvinphos.

Supona-20. See Chlorfenvinphos.

Supristol. See Sulfamoxole or Trimethoprim.

Suramin -- m-Aminobenzoyl-m-amino-p-toluol-1-naphthylamine-4,6,8-trisulfonic acid sodium; Antrypol; Bayer 205; Belganyl; Fourneau 309; Germanin; Hexasodium carbonyl bis-[8-[3-(3-aminobenzamido)-4-methylbenzamido]-naphthalene-1,3,5-trisulfonate]; Moranyl; Naganin; Naganol; Naphuride; Naphuride sodium; Sodium salt of m-benzoyl-m-amino-p-methylbenzoyl-1-amino-napthalene-4:6:8-trisulphonic acid; Suramin sodium; m-Benzoyl-m-amino-p-methylbenzoyl-1-amino-napthalene-4:6:8-trisulphonic acid sodium salt.

Suramin
Ackerman, S. B.; and Seed, J. R., 1976, Clin. and Exper. Immunol., v. 25 (1), 152-158
Trypanosoma brucei gambiense in Microtus montanus, immunodepression of both humoral and cell-mediated immune responses, previously established specific antibody levels not affected by infection, specific antibody-producing capabilities of suramin-cured hosts were comparable to uninfected controls

Suramin
Al Chalabi, K.; and Gutteridge, W. E., 1974, Tr. Roy. Soc. Trop. Med. and Hyg., v. 68 (2), 146 [Abstract]
Trypanosoma spp., Crithidia fasciculata, C. oncopelti, thymidine phosphorylase activity, salvage pathways, inhibition of activity by suramin and ethidium

Suramin
Al Chalabi, K.; and Gutteridge, W. E., 1976, Parasitology, v. 73 (2), xv-xvi [Abstract]
6 spp. of Trypanosomatidae, thymidylate synthetase activity, ranks as potential target for chemotherapeutic attack since it is markedly more sensitive to suramin inhibition than isofunctional mammalian and bacterial enzymes

Suramin -- Continued.

Suramin
Anderson, J.; Fuglsang, H.; and Marshall, T. F. de C., 1976, Tropenmed. u. Parasitol., v. 27 (3), 279-296
Onchocerca volvulus, human eye lesions, trials with suramin alone or followed by course of diethylcarbamazine, value of therapy varied with type of eye lesions, severe toxic reactions (2 fatalities) in some persons treated with suramin: north Cameroon

Suramine (Moranyl)
Bertrand, E.; et al., 1974, Medecine Trop., v. 34 (4), 485-494
Trypanosoma gambiense, recommended treatment methods for various clinical entities in human trypanosomiasis

Suramin
Budden, F. H., 1977, Tr. Roy. Soc. Trop. Med. and Hyg., v. 70 (5-6), 1976, 484-491
Onchocerca volvulus, human ocular involvement, assessment of new eye lesions and progression of existing lesions 14-15 years after single course of suramin, comparison with control group shows slightly less deterioration in treated group and no latent effects of suramin therapy: Hawal Valley, Nigeria

Suramin
Buyst, H., 1976, Tr. Roy. Soc. Trop. Med. and Hyg., v. 70 (2), 163-164
congenital Trypanosoma rhodesiense infection in premature baby successfully treated with suramin and supportive measures; guidelines for similar therapy for T. gambiense infections: Zambia

Suramin
Duke, B. O. L., 1974, Tropenmed. u. Parasitol., v. 25 (1), 84-88
Onchocerca volvulus in chimpanzees, suramin lethal to all immature worm stages, implications for human treatment

Suramin
Duke, B. O. L.; Moore, P. J.; and Vincelette, J., 1976, Tropenmed. u. Parasitol., v. 27 (2), 133-144
the population dynamics of Onchocerca volvulus microfilariae during treatment with suramin and diethylcarbamazine

Suramin
Duke, B. O. L.; Vincelette, J.; and Moore, P. J., 1976, Tropenmed. u. Parasitol., v. 27 (2), 123-132
microfilariae in cerebrospinal fluid of patients heavily infected with Onchocerca volvulus and resulting neurological complications, association between these complications and diethylcarbamazine therapy, implications for treatment programs with diethylcarbamazine and/or suramin: northern Cameroon

Suramin -- Continued.

Antrypol
Emslie, V. W.; and Kershaw, W. E., 1974, Tr. Roy. Soc. Trop. Med. and Hyg., v. 68 (1), 7 [Demonstration]
mice infected with Trypanosoma brucei, treated with antrypol and then infected with Litomosoides carinii, decreased host resistance to subsequent infection and to relapse from first infection, few visible immunologic changes observed

Suramin
Fairlamb, A. H.; and Bowman, I. B. R., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (2), 268 [Abstract]
Trypanosoma brucei, studies on glycerophosphate oxidase, mechanism of action, suramin a potential inhibitor

Suramin and analogs
Fairlamb, A. H.; and Bowman, I. B. R., 1977, Exper. Parasitol., v. 43 (2), 353-361
Trypanosoma brucei, effect of suramin and other trypanocidal compounds on sn-glycerol-3-phosphate oxidase, results suggest this enzyme is one of principal sites of action of suramin in vivo

Suramin
Gibson, D. W.; Duke, B. O. L.; and Connor, D. H., 1977, Tropenmed. u. Parasitol., v. 28 (3), 387-405
suramin toxicity in chimpanzee, histopathologic changes occurring when high toxic dose is administered

Suramin (Naphuride sodium)
Goldberg, B.; et al., 1974, J. Protozool., v. 21 (2), 322-326
Leptomonas sp., inhibition by several standard antiprotozoal drugs of growth and oxygen uptake of cells and particulate preparations, possible use as model organism for screening antitrypanosomatid agents as compared to Crithidia fasciculata

Suramin
Goodwin, L. G.; and Tierney, E. D., 1977, Parasitology, v. 74 (1), 33-45
Trypanosoma brucei, T. evansi, bioassay technique for titration of trypanocidal activity in microtest plates using very small samples, use to study activity of plasma and tissue fluid from normal and infected rabbits treated with curative drugs, activity higher in samples from infected rabbits due to participation of immune response

Suramin
Hill, G. C.; and Bonilla, C. A., 1974, J. Protozool., v. 21 (5), 632-638
Crithidia fasciculata, isolation of DNA-dependent RNA polymerases, purified nuclear and kinetoplast DNA can serve as templates for these RNA polymerases, this RNA synthesis is inhibited by several trypanocidal drugs, hybridization experiments revealed no homologies between Blastocrithidia culicis and Crithidia fasciculata K-DNA

Suramin -- Continued.

Suramin
Kammerer, W. S.; and Perez-Esandi, M. V., 1975, Am. J. Trop. Med. and Hyg., v. 24 (1), 90-95
chemotherapeutic trials using 8 different drugs unsuccessful in treating exper. Echinococcus granulosus infections in mice and jirds

Suramin
Laemmler, G.; and Gruener, D., 1976, Berl. u. Munchen. Tierarztl. Wchnschr., v. 89 (11), 222-225; (12), 229-233
Capillaria hepatica in Mastomys natalensis, comparative activity of 24 anthelmintics, possible model screening system

Suramin
Laemmler, G.; Gruener, D.; and Chandra, S., 1976, Bibliography on suramin 1920-1975, 153 pp.

Suramin (Bayer 205; Germanin)
Laemmler, G.; Gruener, D.; and Zahner, H., 1975, Tropenmed. u. Parasitol., v. 26 (1), 98-110
Litomosoides carinii in Mastomys natalensis (exper.), peripheral blood composition before and after therapy with diethylcarbamazine or suramin (or combination) or HOE 258 V, effects of therapy on pathologic changes

Suramin + Diethylcarbamazine
Laemmler, G.; Gruener, D.; and Zahner, H., 1975, Tropenmed. u. Parasitol., v. 26 (1), 98-110
Litomosoides carinii in Mastomys natalensis (exper.), peripheral blood composition before and after therapy with diethylcarbamazine or suramin (or combination) or HOE 258 V, effects of therapy on pathologic changes

Suramin (Naganol)
Laemmler, G.; and Herzog, H., 1974, Tropenmed. u. Parasitol., v. 25 (1), 78-83
Litomosoides carinii in Mastomys natalensis, suramin showed high suppressive activity and macrofilaricidal effect on various parasite stages from beginning of infection until end of prepatent period but failed to show prophylactic activity when administered prior to infection, results indicate necessity to confirm larvicidal activity of suramin in Onchocerca volvulus-infected chimpanzees and should initiate chemoprophylactic use of the drug in small clinical trials in human patients

Suramin sodium (Germanin)
Laemmler, G.; and Wolf, E., 1977, Tropenmed. u. Parasitol., v. 28 (2), 205-225
Litomosoides carinii in Mastomys natalensis (exper.), 17 anthelmintics and chemotherapeutics comparatively tested for their chemoprophylactic activity against various larval stages of the parasites

Suramin -- Continued.

Antrypol
Lowenthal, M. N., 1971, Med. J. Zambia, v. 5 (5), 175, 177-178
successful treatment of pregnant woman infected with trypanosomiasis using antrypol and Mel B, new-borne infant in good health without abnormalities: Zambia

Suramin
Macadam, R. F.; and Williamson, J., 1974, Ann. Trop. Med. and Parasitol., v. 68 (3), 301-306
Trypanosoma rhodesiense, suramin, tryparsamide, mapharside, drug effects on fine structure

Suramin
McHardy, N.; Haigh, A. J. B.; and Dolan, T. T., 1976, Nature, London (5562), v. 261, 698-699
Theileria parva, drug screening in vitro, only Menoctone showed appreciable activity, subsequent tests in cattle artificially infected with ECF confirmed activity of Menoctone against the disease, mode of action not clear but seems to act against schizont or earlier stages and probably along a widely occurring biochemical pathway

Suramin
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

Suramin
Olowe, S. A., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (1), 57-59
Trypanosoma gambiense, fatal prenatal infection of infant girl presenting with symptoms of meningitis, attempted suramin therapy probably aggravated additional congenital complication, clinical case review: Nigeria

Suramin (Moranyl)
Picq, J. J.; and Roux, J., 1973, Medecine Trop., v. 33 (5), 451-461
Onchocerca volvulus, human, microfilaruria in relation to age and sex of host, other filarial diseases, geographic region, cutaneous microfilarial densities, albuminuria during suramin treatment, eggs of Schistosoma haematobium in urine, and diethylcarbamazine chemotherapy

Suramin sodium
Rane, L.; Rane, D. S.; and Kinnamon, K. E., 1976, Am. J. Trop. Med. and Hyg., v. 25 (3), 395-400
Trypanosoma rhodesiense, test system to evaluate large numbers of candidate drugs based on mortality of mice with blood-induced infections, serves as primary screen or as secondary and confirmatory test for active compounds

Suramin -- Continued.

Suramin
Rougemont, A.; et al., 1974, Medecine Trop., v. 34 (4), 508-522
Onchocerca volvulus, histopathology of cutaneous reactions and microfilarial response in persons treated with diethylcarbamazine or suramin

Suramine (Antrypol; Moranyl)
Smit, A. M.; and Zuidema, P. J., 1973, Nederl. Tijdschr. Geneesk., v. 117 (33), 1225-1230
Onchocerca volvulus in European travelers to West or Central Africa, presentation mainly as a skin disease, 100 case reports, diethylcarbamazine drug of choice with follow-up of suramine if needed: Netherlands

Suramin
Vedy, J.; and Sirol, J., 1971, Medecine Trop., v. 31 (6), 559-564
youth with sub-acute bilateral edematous papillitis associated with anodular onchocerciasis, macrofilarial treatment with suramin, followed by diethylcarbamazine resulted in degenerative chorioretinopathy probably caused by diethylcarbamazine treatment: Tchad

Suramin + Diethylcarbamazine citrate
Viljoen, J. H., 1976, J. South African Vet. Ass., v. 47 (3), 161-169
Parafilaria bovicola, calves, prepatent period, clinical aspects, filaricidal effects of 9 compounds; levamisole hydrochloride and fenbendazole reasonably effective: vicinity of Onderstepoort

Suramin
Walker, P. J.; and Opiyo, E. A., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (2), 281-282 [Abstract]
Trypanosom[a] brucei, T. rhodesiense, mice, effect of parasite burden on curative dose of trypanocides, possible source of variation in results of in vivo drug tests

Suramin (Bayer 205, Antrypol, Germanin, Naganol)
Woo, P.; and Soltys, M. A., 1971, Ann. Trop. Med. and Parasitol., v. 65 (4), 465-469
Trypanosoma brucei, T. rhodesiense, effect of suramin on blood and tissue forms

Suramin
Woodruff, A. W.; et al., 1976, Tr. Roy. Soc. Trop. Med. and Hyg., v. 70 (1), 21 [Demonstration]
African trypanosomiasis in man associated with anemia, infection eradicated with mel B therapy after unsuccessful course of suramin

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Suramin sodium. See Suramin.

T 1206
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

T 1206 HCl
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

T 1211
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

T 1213
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

T 1214
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

T 1214
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

T 1215
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

T 1215
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

T 1221
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

T 1224
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

T 1237
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

T 1238
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

T 1240
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

T 1362
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

T 1363
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

T 1364
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

T 1365
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

T 1366
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

T 1406
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

T 1407
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

T 1408
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

T 1409
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

T 1431
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

T 1432
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

T 1433
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

T 1434
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

T 1435
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

T 1480
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

T 1481
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

T 1482
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

T 1483
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

T 1487
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

TAC pamoate. See Pararosaniline.

Tartar emetic. See Antimony potassium tartrate.

Task. See Dichlorvos.

TBZ. See Thiabendazole.

Teclozan -- N,N'-Bis-(dichloro-acetyl)-N,N'-bis (2-etoxyethyl-1,4-bis(aminomethyl) benzene); Falmonox; Win 13.146.

Teclozan (Falmonox)
Arcilla-Latonio, A.; Arcilla, C. A.; and de Guzman-Matawaran, L., 1974, Philippine J. Int. Med., v. 12 (3), 131-143
Entamoeba histolytica, humans, comparison of 2 dosage regimens of teclozan in the treatment of mild forms of intestinal amoebiasis: Manila, Philippines

Teclozan
Atias, A.; et al., 1972, Bol. Chileno Parasitol., v. 27 (3-4), 119-121
clinical trials using teclozan to treat human chronic intestinal amoebiasis, good tolerance and short duration of treatment: Chile

Teclozan (Win 13.146)
Villafane, H. A.; et al., 1972, Prensa Med. Argent., v. 59 (3), 124-126
Entamoeba histolytica, humans, successful clinical trials with teclozan: Cordoba, Argentina

Telmid. See Dithiazanine.

Telmin. See Mebendazole.

Telmin Dog Wormer. See Mebendazole.

Telmintic. See Mebendazole.

Temephos -- Abate; 0,0'-(Thiodi-4,1-phenylene) 0,0,0',0'-tetramethyl bis-(phosphorothioate).

Temephos
Baker, N. F.; and Miller, J. E., 1977, Am. J. Vet. Research, v. 38 (8), 1187-1190
Ctenocephalides felis, cats and dogs (both exper.), immediate and residual efficiency of temephos-containing flea collars, 100% effective during first 2 weeks only, 80% effective for at least 9 months

Abate
Il'iashchenko, V. I., 1973, Vestnik Sel'skokhoz. Nauki Kazakhstana (11), 119-121
Psoroptes cuniculi, aerosol foam tested in vitro, weakly active, not tested in vivo

Temephos (Abate)
Kamel, O. M.; Nassif, M.; and Nagy, M., 1976, PANS, v. 22 (3), 350-353
temephos effective against Pediculus humanus humanus, but not effective against Pulex irritans: Egypt

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α-Tenoyl-amino-2-nitro-5-thiazole. See Atrican.

2-(alpha-Tenoyl amino)-5-nitrothiazole. See Atrican.

Terenol. See Resorantel.

Terpin -- Lindacanine (with Lindane); Terpinol.

Terpinol + Lindane (=Lindacanine)
Rad, M. A., 1976, J. Vet. Fac. Univ. Tehran, v. 31 (3-4), 1975-1976, 93-104
Cnemidocoptes pilae, cage birds, clinical symptoms, treatment with Lindacanine

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Terpinol. See Terpin.

Terramycin. See Oxytetracycline.

Terramycin Q. See Oxytetracycline.

TETD. See Disulfiram.

Tetmosol. See Sulfirame.

Tetocid. See Benzene hexachloride, Gamma.

4,4',6,6'-Tetrabromo-2,2'-biphenyldiol mono (dihydrogenphosphate). See Bromophenophos.

Tetrachlorethylene. See Tetrachloroethylene.

Tetrachloroethylene -- Didakene; Tetrachlorethylene.

Tetrachloroethylene
Bartlet, A. L., 1976, Brit. J. Pharmacol., v. 58 (3), 395-400
Fasciola hepatica in vitro, spasmogenic action of carbon tetrachloride and hexachloroethane compared with that of chloroform, pentachloroethane and tetrachloroethylene

Didakene
Basset, M.; et al., 1975, Medecine Trop., v. 35 (6), 475-476
mixed Strongyloides infections apparent after treatment of Necator americanus and Ancylostoma duodenale with alcopar or didakene, case reports, statistics

Tetrachlorethylene
de Carvalho, P., 1973, Pediat. Prat., S. Paulo, v. 44 (3-4), 93-98
Ancylostoma duodenale, acute infection with anemia in infant, diagnostic difficulties, therapy of blood transfusions and tetrachlorethylene: Sao Paulo, Brasil

Tetrachlorethylene (Didakene)
Diop, B.; and Bao, O., 1974, Medecine Afrique Noire, v. 21 (1), 31-40
human intestinal helminths, clinical indications for treatment, suggested dosage, efficacy, tolerances, possible toxicities

Tetrachlorethylene
Johnson, S., 1975, Progr. Drug Research, v. 19, 70-74
human hookworm, comparative field trials with bitoscanate, bephenium hydroxynaphthoate, and tetrachlorethylene, results most favorable with bitoscanate, transient side effects: Vellore, Tamilnadu, India

Didakene
Junod, C., 1972, Medecine et Malad. Infect., v. 2 (2), 55-60
Necator americanus, predominant intestinal parasite of natives of Antilles now residing in France, statistics of infection, means of detection, approved treatment with didakene, alcopar or mintezol

Tetrachloroethylene -- Continued.

Tetrachlorethylene
Langer, A.; and Hung, C. T., 1973, Obst. and Gynec., v. 42 (4), 564-467
human hookworm anemia associated with pregnancy, clinical management with tetrachlorethylene or with tetrachlorethylene and thiabendazole in Trichuris trichiura-associated infections

Tetrachlorethylene
Mutalik, G. S.; and Gulati, R. B., 1975, Progr. Drug Research, v. 19, 86-89
human hookworm, comparative study of bitoscanate, bephenium hydroxynaphthoate, and tetrachlorethylene; bitoscanate most effective with mild and transient side effects

Tetrachlorethylene
Nhonoli, A. M.; and Chukwuemeka, A. C., 1971, Med. J. Zambia, v. 5 (3), 95-101
analysis of electrocardiographic changes in patients with severe hookworm anemia before and after treatment with alcopar and tetrachlorethylene: Zambia

Tetrachlorethylene
Patricia, A. H.; et al., 1975, Progr. Drug Research, v. 19, 90-95
Necator americanus, Ancylostoma duodenale, humans, efficacy of bitoscanate compared with tetrachlorethylene and bephenium hydroxynaphthoate, found to be safe and effective

Tetrachlorethylene
Rodrigo Gomez, J. M.; et al., 1971, Med. Espan. (386), an. 34, v. 65, 355-358
man with long-standing case of duodenal ancylostomiasis, clinical aspects, treatment with tetrachlorethylene, deficiency in intestinal absorption

Tetrachlorethylene
Samuel, M. R., 1975, Progr. Drug Research, v. 19, 96-107
human intestinal helminths, review of clinical experiences world wide comparing the efficacy and tolerance of bitoscanate with that of bephenium hydroxynaphthoate and tetrachlorethylene; found to be most useful against hookworm with results against other helminths still inconclusive

Tetrachlorethylene
Senewiratne, B.; et al., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 233-239
Necator americanus, human, tetrachlorethylene single dose compared with bephenium hydroxynaphthoate and pyrantel pamoate single and multiple doses, tetrachlorethylene remains drug of choice: Ceylon

Tetrachlorethylene
Suntharasamai, P.; et al., 1974, Southeast Asian J. Trop. Med. and Pub. Health, v. 5 (4), 556-559
Fasciolopsis buski, humans, comparative clinical trials using niclosamide and tetrachlorethylene; tetrachlorethylene results superior but severity of possible toxic side effects makes niclosamide the drug of choice for severely ill persons and small children

Tetrachloroethylene -- Continued.

Tetrachlorethylene
Sutanto, A. H.; Sembiring, L.; and Simatupang, J., 1976, Paediat. Indonesiana, v. 16 (11-12), 453-463
field survey of ancylostomiasis in school children, no evidence of effect on height or weight, tetrachlorethylene therapy only 69% successful: Indonesia

Tetrachlorethylene
Vakil, B. J.; and Dalal, N. J., 1975, Progr. Drug Research, v. 19, 166-175
comparative efficacy of newer anthelmintics in treating various human intestinal helminths, review

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Tetrachlorvinphos -- 2-Chloro-1-(2,4,5-trichlorophenyl)vinyl dimethyl phosphate; Stirofos.

Stirofos
Ahrens, E. H., 1977, Southwest. Entom., v. 2 (1), 8-10
Haematobia irritans, cattle, stirofos-impregnated ear tag, good results with protection lasting from 12 to 14 weeks: Hidalgo County, Texas

Stirofos ear tag and aerosol
Ahrens, E. H.; et al., 1977, J. Econom. Entom., v. 70 (5), 581-585
Amblyomma maculatum, cattle, field trials to evaluate effectiveness of insecticide-impregnated ear tags, ear bands, neck bands, and asphalt-base aerosols, prevention of screwworm infestations by controlling ticks

Stirophos + Dichlorvos
Boxler, D. J.; Shugart, J. I.; and Campbell, J. B., 1977, J. Kansas Entom. Soc., v. 50 (4), 576 [Abstract]
Haematobia irritans, cattle, dichlorvos + stirophos, encapsulated slow-release form, gel bags compared with coumaphos dust bag, neither treatment proved more effective than the other; dichlorvos gel bags gave good results

Tetrachlorvinphos
Christensen, C. M.; Knapp, F. W.; and Tuttle, J. W., 1977, Poultry Science, v. 56 (1), 79-81
Ornithonyssus sylviarum, chickens, chlordimeform and tetrachlorvinphos equally effective; control less rapid with chlordimeform

Stirofos
Gladney, W. J., 1976, J. Econom. Entom., v. 69 (6), 757-760
insecticides, field trials in controlled-release devices for control of Amblyomma maculatum and Cochliomyia hominivorax, cattle: northeastern Starr Co., Texas

Stirofos
Hall, R. D.; Townsend, L. H., jr.; and Turner, E. C., jr., 1975, Vet. Parasitol., v. 1 (2), 185-192
Ornithonyssus sylviarum, commercial caged laying hens, efficiency of chlordimeform applied as high or low pressure spray, comparison with stirofos

Tetrachlorvinphos -- Continued.

Tetrachlorvinphos
  Rawlins, S. C.; and Mansingh, A., 1977, PANS, v. 23 (2), 137-142
    Boophilus microplus, Jamaican strain, susceptibility to 35 acaricides, carbamates more effective than organophosphates or formamidines, chlorinated hydrocarbons least effective, comparison of resistance pattern with susceptible and resistant Australian strains

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Tetracycline -- Achromycin; Codrinal (with β-Toluenesulfonyl-β-methoxy-ethyl urethane sodium); Mysteclin-V (with Amphotericin B); Steclin; Tetracycline hydrochloride.

Tetracycline
  Bradley, R. L., 1976, Vet. Med. and Small Animal Clin., v. 71 (9), 1233-1234
    Haemobartonella felis, feline infectious anemia, mixed with leukemia virus, chloramphenicol, tetracycline, fair results

Tetracycline + Quinine
  Chin, W.; and Intraprasert, R., 1973, Southeast Asian J. Trop. Med. and Pub. Health, v. 4 (2), 245-249
    human Plasmodium falciparum, sensitivity of Thai strain of malaria tested against quinine alone and in combinations with tetracycline and pyrimethamine

Tetracycline + Quinine + Pyrimethamine
  Chin, W.; and Intraprasert, R., 1973, Southeast Asian J. Trop. Med. and Pub. Health, v. 4 (2), 245-249
    human Plasmodium falciparum, sensitivity of Thai strain of malaria tested against quinine alone and in combinations with tetracycline and pyrimethamine

Tetracycline
  Colwell, E. J., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (4), 612-613 [Letter]
    falciparum malaria, warning on use of tetracycline

Tetracycline + Quinine
  Colwell, E. J.; Hickman, R. L.; and Kosakal, S., 1973, Ann. Trop. Med. and Parasitol., v. 67 (2), 125-132
    Plasmodium falciparum, human, acute malaria, quinine-tetracycline, quinine-sulphamethoxazole-trimethoprim, onset of action, cure rate, cost, patient acceptability: Thailand

Tetracycline
  Delaitre, J. L., 1976, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 29 (2), 115-117
    Haemobartonella felis, case reports, tetracycline, chloramphenicol, cats: Tchad

Tetracycline
  Dixon, H., 1974, J. Protozool., v. 21 (3), 450 [Abstract]
    Crithidia fasciculata, effect of inhibitors of bacterial protein synthesis

Tetracycline -- Continued.

Achromycin
  Galhotra, A. P.; Gautam, O. P.; and Banerjee, D. P., 1977, Indian Vet. J., v. 54 (7), 522-527
    Anaplasma marginale, calves (nat. and exper.), treatment trials with various drugs (terramycin, steclin, achromycin, reverin, gloxazone, reverin + gloxazone, steclin + gloxazone) during early and late stages of infection, reverin alone and combined therapy of steclin or reverin with gloxazone were most effective

Steclin
  Galhotra, A. P.; Gautam, O. P.; and Banerjee, D. P., 1977, Indian Vet. J., v. 54 (7), 522-527
    Anaplasma marginale, calves (nat. and exper.), treatment trials with various drugs (terramycin, steclin, achromycin, reverin, gloxazone, reverin + gloxazone, steclin + gloxazone) during early and late stages of infection, reverin alone and combined therapy of steclin or reverin with gloxazone were most effective

Steclin + Gloxazone
  Galhotra, A. P.; Gautam, O. P.; and Banerjee, D. P., 1977, Indian Vet. J., v. 54 (7), 522-527
    Anaplasma marginale, calves (nat. and exper.), treatment trials with various drugs (terramycin, steclin, achromycin, reverin, gloxazone, reverin + gloxazone, steclin + gloxazone) during early and late stages of infection, reverin alone and combined therapy of steclin or reverin with gloxazone were most effective

Steclin (Tetracycline hydrochloride)
  Gautam, O. P.; et al., 1975, Haryana Vet., v. 14 (2), 94-100
    T[heileria] hirci, morphology, sheep, case history, pathology, diagnosis, steclin, berenil, nivaquine, fair results: Hissar, transferred to Kameri

Tetracycline
  Hill, J., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 421-427
    Plasmodium berghei nigeriensis, screening compounds for causal prophylactic activity, 2 methods for testing compounds against tissue stages (one for compounds with little or no residual effect and one for those with prolonged residual effect), 9 compounds examined

Codrinal
  Isenbuegel, E., 1976, Prakt. Tierarzt, v. 57, Sondernummer, 21-27
    coccidiosis, hedgehogs

Tetracycline HCl
  Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
    Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

Tetracycline -- Continued.

Tetracycline
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

Achromycin
Rao, G. S.; Surendran, N. S.; and Choudary, K. V., 1973, Indian Vet. J., v. 50 (1), 104-105
theileriasis, exotic and cross-bred cows, treatment, best results using Berenil coupled with Achromycin: Andhra Pradesh

Tetracyclines
Vakil, B. J.; and Dalal, N. J., 1974, Progr. Drug Research, v. 18, 353-364
Entamoeba histolytica, humans, techniques for comparative evaluation of amoebicidal drugs: sites of action, efficacy, side effects, and toxicity

Tetracycline + Quinoline + Emetine
Vakil, B. J.; and Dalal, N. J., 1974, Progr. Drug Research, v. 18, 353-364
Entamoeba histolytica, humans, techniques for comparative evaluation of amoebicidal drugs: sites of action, efficacy, side effects, and toxicity

Tetracycline hydrochloride + Amphotericin B (= Mysteclin-V)
Villani, L.; and Moneta, E., 1970, Minerva Ginec., v. 22 (18), 880-886
Trichomonas vaginalis, human vaginitis associated with fungal and bacterial infections, good results with mysteclin-V, case statistics: Roma

Tetracycline
Zierdt, C. H.; and Tan, H., 1976, Exper. Parasitol., v. 39 (3), 422-430
Blastocystis hominis, 8 axenically grown strains, presence of intracellular bacteria-like spheres and rods, direct relationship between increasing endosymbiont numbers and increasing B. hominis cell size, effect of 3 antibiotics on B. hominis and its endosymbiont

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Tetracycline hydrochloride. See Tetracycline.

n-Tetradecylamino-4 quinoline
Renault, J.; Cavier, R.; and Renault, S., 1976, Compt. Rend. Acad. Sc., Paris, v. 282, s. D (5), 509-511
Entamoeba dysenteriae, secondary aminoquinolines, influence of alkylamino chain length and position on activity in vitro and in vivo

0,0,0',0'-Tetraethyl S,S'-methylene bis phosphorodithioate. See Ethion.

Tetraethyl S,S'-methylenebis(phosphorothiolothionate). See Ethion.

Tetraethylthiuram disulphide. See Disulfiram.

Tetraethylthiuram monosulphide. See Sulfirame.

Tetrahydro-3,5-dimethyl-2h-1,3,5-thiadiazine-2-thione. See Dazomet.

trans-1,4,5,6-Tetrahydro-2(3-hydroxystyryl)-1-methyl pyrimidine. See Oxantel.

1,4,5,6-Tetrahydro-1-methyl-2-[trans-3-hydroxystyryl] pyrimidine pamoate. See Oxantel.

trans-1,4,5,6-Tetrahydro-1-methyl-2-[2-(2 thienyl) vinyl] pyrimidine hydrochloride. See Pyrantel.

trans-1,4,5,6-Tetrahydro-1-methyl-2-(2-(thienyl) vinyl)-pyrimidine pamoate. See Pyrantel.

1-2,3,5,6-Tetrahydro-6-phenylimidazo (2,1-b) thiazole. See Tetramisole.

1-2,3,5,6-Tetrahydro-6-phenylimidazo (2,1-b) thiazole hydrochloride. See Tetramisole.

Tetrahydro-pyrane-carbonic acid-N-methylpiperazide citrate (HOE 29691a)
Laemmler, G.; and Wolf, E., 1977, Tropenmed. u. Parasitol., v. 28 (2), 205-225
Litomosoides carinii in Mastomys natalensis (exper.), 17 anthelmintics and chemotherapeutics comparatively tested for their chemoprophylactic activity against various larval stages of the parasites

Tetralin-(2-spiro-5)-hydantoin
Heischkeil, R., 1973, Ztschr. Tropenmed. u. Parasitol., v. 24 (4), 505-516
Plasmodium vinckei, chemotherapeutic activity of selected antagonists of folic acid metabolism with special reference to structure-activity relationships, comparison with some standard antimalarials; some compounds also exert noxious effect on host

3,4,7,8-Tetramethyl-1,10-phenanthroline copper chelate (Cuphen)
Butler, H. M.; et al., 1970, Med. J. Australia, v. 2 (7), 309-314
phenanthroline metal chelates in pessary form to control human Trichomonas vaginalis vaginitis

3,4,7,8-Tetramethyl-1,10-phenanthroline nickel chelate (Niphen)
Butler, H. M.; et al., 1970, Med. J. Australia, v. 2 (7), 309-314
phenanthroline metal chelates in pessary form to control human Trichomonas vaginalis vaginitis

Tetramethyl thiuram disulphide. See Thiram.

Tetramisole -- Ascaridil; Ascarilen R; Bay VG 2222; Citarin; Citarin-L; Citarin L Spot-On; Concurat; Decaris; Game Bird Wormer; Ketrax; Ketrex; Laevamisole; Levamisole; Levamisole camphorsulfonate; Levamisole chlorhydrate; Levamisole hydrochloride; Levamisole phosphate; Levamisole resinate; Levamisolum; Levo-tetramisole; Nemicide; Nilverm; L-(-)-6-Phenyl-2,3,5,6-tetrahydroimidazo[2,1-b]thiazole hydrochloride; R-8229; Ripercol; Ripercol-L; Ripercol L-Piperazine (with Piperazine); Solaskil; Spot-On; 1-2,3,5,6-Tetrahydro-6-phenylimidazo (2,1-b) thiazole; 1-2,3,5,6-Tetrahydro-6-phenylimidazo (2,1-b) thiazole hydrochloride; dl-Tetramisole; l-Tetramisole; L-Tetramisole; Tetramisole hydrochloride; dl-Tetramisole hydrochloride; l-Tetramisole hydrochloride; Tetramisole laevo-isomer; Tetramizole; Tramisol; Nilzan (with Oxyclozanide).

Tetramisole (Citarin; Nilverm)
Abdel-Rahman, M. S.; et al., 1972, Parasitol. Hungar., v. 5, 225-237
Strongylus spp., Trichonema spp., Parascaris equorum, Trichostrongylus axei in horses, field trials testing efficacy of various anthelmintics; phenothiazine, banminth and thiabendazole most effective: Egypt

Tetramizole
Alcaino, H., 1970, Bol. Chileno Parasitol., v. 25 (3-4), 110-113
Uncinaria stenocephala, efficacy of tetramizole, dogs (exper.), comparative trials with thiabendazole which was not effective

Levamisole (Citarin L Spot-On)
Alvarez, E.; et al., 1977, Gac. Vet., Buenos Aires (317), v. 39, 18-22
gastro-intestinal parasites, cows, cutaneous application of levamisole, slight dermal inflammation without other symptoms, milk production not affected

Levamisol (Spot-On; Citarin-L; Bay VG 2222)
Alvarez, E.; and Greco, J. A., 1976, Gac. Vet., Buenos Aires (315), v. 38, 475
gastrointestinal parasites, bovines, cutaneous application, excellent results

Levamisole (Decaris)
Amaszta, M.; et al., 1972, Parasitol. Hungar., v. 5, 239-246
Gongylonema pulchrum, 3 specimens removed within one month from oral areas of young woman (lips, oral fold, oral mucous membrane), associated complaints of gastrointestinal disturbances, apparent cure after administration of levamisole, source of infection could not be identified: Debrecen, Hungary

Levamisole (Decaris)
Amaszta, M.; et al., 1973, Orvosi Hetilap, v. 114 (37), 2237-2238
Gongylonema pulchrum, case report of human infection, levamisole therapy: Hungary

Tetramisole -- Continued.

Tetramisole (Concurat)
Amer, A. A.; El-Amrousi, S.; and El-Hammady, H. Y., 1976, Vet.-Med. Nachr. (1), 18-31
Ascaridia galli, chickens (nat. and exper.), tetramisole, niclosamide, efficacy of drugs administered singly and in combination, drug trials

Tetramisole + Niclosamide
Amer, A. A.; El-Amrousi, S.; and El-Hammady, H. Y., 1976, Vet.-Med. Nachr. (1), 18-31
Ascaridia galli, chickens (nat. and exper.), tetramisole, niclosamide, efficacy of drugs administered singly and in combination, drug trials

Levamisole (Nilverm)
Anderson, N., 1977, Research Vet. Sc., v. 23 (3), 298-302
Ostertagia ostertagi, Trichostrongylus axei, cattle, efficacy of levamisole, thiabendazole, and fenbendazole

Levamisole
Anderson, N.; Morris, R. S.; and McTaggart, I. K., 1976, Austral. Vet. J., v. 52 (4), 174-180
weaned lambs, economic analysis of two schemes of anthelmintic control (traditional and critical treatment) using levamisole

Levamisole
Anderson, R.; et al., 1976, J. Immunol., v. 117 (2), 428-432
levamisole stimulating neutrophil motility in vitro, maintenance of cGMP levels in chemotactically stimulated levamisole-treated neutrophils

Tetramisole (Nilverm)
Baines, D. M.; and Colegrave, A. J., 1977, Vet. Rec., v. 100 (11), 217-219
gastrointestinal helminths, sheep, thiophanate, productivity and tolerance trials, compared with thiabendazole and tetramisole: England and Wales

Levamisole (Decaris)
Ballo, T.; et al., 1975, Med. Univ., v. 8 (3), 135-136
Ascaris lumbricoides, recommendations for diagnosis and treatment of children with levamisole: Hungary

Levamisole hydrochloride (Nilverm)
Berger, J., 1975, J. South African Vet. Ass., v. 46 (4), 369-372
sheep, laboratory strain and parbendazole resistant field strain of Haemonchus contortus, resistant to five benzimidazoles, susceptible to levamisole and haloxon

Tetramisole -- Continued.

Tetramisole
Boag, B.; and Thomas, R. J., 1973, Research Vet. Sc., v. 14 (1), 11-20
gastrointestinal nematode parasites of sheep, effectiveness of 3 control measures applied at strategic points in lamb infection pattern (anthelmintic treatment of ewes at lambing, of lambs at weaning, and moving lambs to clean pasture at weaning--tested singly and in combination)

Levamisole resinate
Bradley, R. E., 1976, J. Am. Vet. Med. Ass., v. 169 (3), 311-316
Dirofilaria immitis, dogs (nat. and exper.), thiacetarsamide sodium to destroy adult worms, levamisole resinate 6 weeks later at dosage of 11 mg/kg (but not 5.5 mg/kg) was effective as a microfilaricide, 2 cases of levamisole toxicosis in presence of adult worms; incidental observation on greater susceptibility of older dogs to infection

Levamisole resinate
Bradley, R. E., sr.; and Alford, B. T., 1977, Mod. Vet. Pract., v. 58 (6), 518-520
Dirofilaria immitis, dogs, levamisole resinate, good results against microfilariae and adult male worms, less effective against adult female worms

Tetramisole (Nilverm)
Bryan, R. P., 1976, Austral. Vet. J., v. 52 (6), 267-271
comparison of part paddock and whole paddock treatment of beef cattle: wallum of south eastern Queensland

Levamisole
Bryan, R. P., 1976, Austral. Vet. J., v. 52 (9), 403-408
nematodes, paramphistomes, young beef cattle, growth rates, levamisole, niclosamide

L-Tetramisole (Solaskil)
Camerlynck, P.; and Benmansour, N., 1973, Maroc Med. (571), v. 53, 517-519
mass therapy of human infection with L-tetramisole: Maroc

Tetramisole (Nilverm)
Chakraborty, A. K.; Mehta, R. K.; and Datta, I. C., 1976, Indian J. Exper. Biol., v. 14 (5), 585-587
Ascaridia galli, tetramisole, carbohydrate utilization, neuro-transmission, enzymatic activity

Tetramisole (Nilverm)
Chhabra, R. C.; Bali, H. S.; and Toor, L. S., 1976, J. Research, Punjab Agric. Univ., v. 13 (3), 308-311
gastrointestinal strongyles in sheep, critical drug evaluation, thiabendazole (most effective), tetramisole (good results), morantel tartrate (fair results), clioxanide and methyridine (least effective): India

Tetramisole -- Continued.

Nilverm + Zanil (=Nilzan)
Chowaniec, W.; et al., 1975, Med. Wet., v. 31 (12), 741-743
Fasciola hepatica, Haemonchus, Trichostrongylus, Nematodirus, cattle, Nilzan, Zanil, field trials, good results

Nilzan
Chowaniec, W.; Paciejewski, S.; and Ziomko, I., 1976, Med. Wet., v. 32 (11), 682-683
Fasciola hepatica, cows, increase in milk production when treated with nilzan

Levamisole
Christiansen, F. T.; et al., 1977, Lancet, London (8021), v. 1, 1111-1112 [Letter]
2 reports of febrile illness associated with levamisole therapy

Tetramisole
Chroust, K.; and Dyk, V., 1975, Deutsche Tierarztl. Wchnschr., v. 82 (12), 487-491
gastrointestinal nematodes of lambs and heifers, efficacy of fenbendazole, thiabendazole, and tetramisole compared

Levamisole hydrochloride
Clinton, R. L.; Stump, F. J.; and Wiggers, K. L., 1976, Feline Pract., v. 6 (2), 45-46
Aelurostrongylus abstrusus, 9-week-old kitten, levamisole hydrochloride, good results; sodium iodide, no effect on larvae; diethylcarbamazine citrate, reduced number of larvae

Levamisole
Coles, G. C.; East, J. M.; and Jenkins, S. N., 1975, Gen. Pharmacol., v. 6 (4), 309-313
Nippostrongylus brasiliensis, Ascaris lumbricoides var. suum, levamisole, mechanism of action, paralysis and recovery of motility, resistance of recovered worms to paralysis by methyridine, pyrantel, or bephenium, results suggest levamisole acts as ganglion stimulant and that inhibition of fumarate reductase is not relevant to in vivo mode of action

Levamisole HCl
Coles, G. C.; and McNeillie, R. M., 1977, J. Helminthol., v. 51 (4), 323-326
dietary feeding of drugs for 5 days to mice infected with Nematospiroides dubius and Hymenolepis nana, detected all modern anthelmintics examined except stilbazium; simple test using N. spathiger eggs and Nippostrongylus brasiliensis adults to detect anthelmintics in vitro

Tetramisole HCl
Coles, G. C.; and McNeillie, R. M., 1977, J. Helminthol., v. 51 (4), 323-326
dietary feeding of drugs for 5 days to mice infected with Nematospiroides dubius and Hymenolepis nana detected all modern anthelmintics examined except stilbazium; simple test using N. spathiger eggs and Nippostrongylus brasiliensis adults to detect anthelmintics in vitro

Tetramisole -- Continued.

Levamisole (1-Tetramisole)
Colglazier, M. L., 1975, Proc. Helminth. Soc. Washington, v. 42 (1), 60-61
Ascaridia dissimilis, Heterakis gallinarum, and Capillaria obsignata, turkeys, levamisole administered in drinking water effective as anthelmintic

Levamisole
Colglazier, M. L.; et al., 1974, Proc. Helminth. Soc. Washington, v. 41 (2), 145-150
gastrointestinal helminths, sheep, pasture trials, levamisole and thiabendazole, good to fair control except with Trichuris spp. and Moniezia expansa

Levamisole hydrochloride
Colglazier, M. L.; Kates, K. C.; and Enzie, F. D., 1975, J. Parasitol., v. 61 (4), 778-779
Haemonchus contortus, cambendazole-resistant strain, cross-resistance to thiabendazole, mebendazole, and oxibendazole, fully sensitive to levamisole

Tetramisole (Game Bird Wormer)
Connan, R. M.; and Wise, D. R., 1977, Vet. Rec., v. 101 (2), 34-35
Syngamus trachea in pheasants and turkeys (both exper.), dichloroxylenol (no effect), tetramisole (moderate efficacy against three- and four-day-old larvae, poor results against seven-day-old and older larvae)

Levamisole chlorhydrate
Cottereau, Ph., 1976, Rev. Med. Vet., Toulouse, v. 127 (4), 575-576, 579-586
parasitic diseases, calves, prophylaxis using food and sanitary preparations, levamisole chlorhydrate for internal helminths, carbamates or organophosphorus compounds for scabies, economical in large fattening farms

Levamisole
Cottier, K.; Dobbie, J. L.; and Andrew, B. L., 1976, N. Zealand J. Exper. Agric., v. 4 (3), 285-290
anthelmintic drenching of lambs from Jan. to June, 0 vs. 3 vs. 6 drenches, effect on live weight gains and on wool weight and quality, drenching is beneficial but greater increases due to 6 drenches are probably offset by greater costs: Waikato, New Zealand

1-Tetramisole (Tramisol)
Courtney, C. H.; Forrester, D. J.; and White, F. H., 1977, J. Am. Vet. Med. Ass., v. 171 (9), 991-992
helminths in Pelecanus occidentalis, anthelmintic activity of arecoline hydrobromide, thiabendazole, niclosamide, 1-tetramisole: Bird Keys and Port Orange, Florida

Levamisole HCl (Tramisol)
Cruthers, L. R.; al-Khateeb, G. H.; and Hansen, M. F., 1975, Proc. Oklahoma Acad. Sc., v. 55, 119-121
Ascaridia galli, Heterakis gallinarum, Capillaria obsignata, chickens, levamisole in drinking water

Tetramisole -- Continued.

Levamisole (Ripercol)
Cummins, L. J.; and Tweedle, N. E., 1977, Austral. Vet. J., v. 53 (12), 591-592
Linognathus vituli, cattle, light infestations, lice control with famphur and levamisole had no influence on host growth: western Victoria

Levamisole
Curr, C., 1977, Austral. Vet. J., v. 53 (9), 425-428
nematodes, calves, levamisole, efficiency of pour-on formulation, drug trials, good results

Ascaridil (Tetramisole)
Daili, S.; et al., 1972, Paediat. Indonesiana, v. 12 (6), 271-275
Ascaris lumbricoides in children, ascaridil as single dose therapy, satisfactory results: West Sumatra

Levamisole (Solaskil)
Dan, V.; Senghor, G.; and Niang, I., 1973, Medecine Afrique Noire, v. 20 (12), 997-1006
recommendations for use in clinics and for mass therapy in human intestinal helminth infections, adults and children

Levamisole
Darke, P. G. G., 1976, Vet. Rec., v. 99 (15), 293-294
Filaroides osleri-infected dogs, tracheobronchitis, levamisole, good results

Tetramisole (Solaskil)
Diop, B.; and Bao, O., 1974, Medecine Afrique Noire, v. 21 (1), 31-40
human intestinal helminths, clinical indications for treatment, suggested dosage, efficacy, tolerances, possible toxicities

Levamisole
Dorchies, P.; and Amalric, M., 1977, Rev. Med. Vet., Toulouse, v. 128 (1), 7-24
gastrointestinal helminths, gastrophilosis, horses, anthelmintics, drug efficacy, review

Tetramisole
Dorchies, P.; and Amalric, M., 1977, Rev. Med. Vet., Toulouse, v. 128 (1), 7-24
gastrointestinal helminths, gastrophilosis, horses, anthelmintics, drug efficacy, review

Citarin-L Spot-on (Levamisol)
Dorn, H.; and Federmann, M., 1976, Vet.-Med. Nachr. (1), 5-17
gastrointestinal nematodes in cattle (nat. and exper.), citarin-L spot-on, application on skin, good results

Tetramisole -- Continued.

Levamisole (Nilverm)
  Downey, N. E., 1976, Vet. Rec., v. 99 (14), 267-270
    nematodes, calves (natural infections), oxfendazole compared with levamisole (oxfendazole showed higher efficacy than levamisole against Ostertagia spp., similar efficacy against other species), both drugs increased calves' weight gains

Levamisole
  Downey, N. E., 1977, Vet. Rec., v. 101 (13), 260-263
    gastrointestinal nematodes, sheep, controlled trial of oxfendazole before and after lambing, reduced egg output in ewes, high efficacy against nematodes in lambs, compared with levamisole

Levamisole
  Downey, N. E.; and O'Shea, J., 1977, Vet. Rec., v. 100 (13), 265-266
    Dictyocaulus viviparus, Ostertagia ostertagi, Cooperia oncophora, calves (exper.), low dose levels of levamisole or morantel administered via drinking water, good results

Levamisole + Piperazine dihydrochloride
  Drudge, J. H.; Lyons, E. T.; and Tolliver, S. C., 1975, Am. J. Vet. Research, v. 36 (3), 251-253
    Gasterophilus intestinalis, G. nasalis, oral stages in horses and ponies (nat. and exper.), activity of several organophosphorus compounds in various formulations and levamisole-piperazine mixture

Levamisole (Ketrax)
  Duke, B. O. L., 1974, Tr. Roy. Soc. Trop. Med. and Hyg., v. 68 (1), 71 [Letter]
    Onchocerca volvulus, acute infection in exper. chimpanzee given large intramuscular formulation of levamisole, probable action on adult worms as well as microfilariae

Levamisole
  Duke, B. O. L., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (2), 287-288 [Letter]
    Onchocerca volvulus, levamisole, no evidence of action on either microfilariae or adult worms at a maximum dosage tolerated by humans

Levamisole
  Duncan, J. L.; et al., 1976, Vet. Rec., v. 98 (17), 342
    Ostertagia ostertagi (inhibited 4th stage larvae), Trichostrongylus axei, Cooperia spp., fenbendazole, good results, compared with levamisole

Tetramisole
  Eckert, J.; and Eisenegger, H., 1976, Zentralbl. Vet.-Med., Beihefte (25), 155-160
    Dictyocaulus viviparus, cattle, program for management and control, vaccination with Dictol, tetramisole treatment; Ostertagia ostertagi, Cooperia oncophora, pyrantel tartrate treatment to control concurrent infection limiting weight gain

Tetramisole -- Continued.

Concurat
  El-Abdin, Y. Z.; Mossalam, I.; and Hamza, S. M., 1975, Egypt. J. Vet. Sc., v. 12 (2), 143-152
    Neoascaris vitulorum, buffalo calves, blood picture, biochemical blood constituents, enzyme activities, before and after treatment with Concurat

Levamisole
  Endres, W. A., 1976, Vet. Med. and Small Animal Clin., v. 71 (11), 1553
    Capillaria aerophilla, cat, levamisole, good results; dichlorvos ineffective

Nilverm
  Epel'dimov, L. S.; and Shchelkanov, K. G., 1976, Sborn. Nauch. Rabot. SibNIVI, Sibirsk. Nauchno-Issled. Vet. Inst. (26), 116-122
    dictyocaulosis, sheep treated with anthelmintics, histological changes

Levamisole
  Farahmandian, I.; et al., 1977, Chemotherapy, v. 23 (2), 98-105
    human intestinal Ascaris, hookworm and Trichostrongylus spp., statistics of comparative trials using pyrantel, levamisole, mebendazole, thiabendazole and bephenium: Iran

Tetramisole (Ketrax)
  Farid, Z.; et al., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (3), 425-426 [Letter]
    Ancylostoma duodenale, Ascaris lumbricoides, male farmers, tetramisole extremely effective against both parasites, no side-effects: Egypt

Levamisole (Decaris)
  Farid, Z.; et al., 1977, J. Trop. Med. and Hyg., v. 80 (5), 107-108
    human Ascaris lumbricoides and Ancylostoma duodenale, effectiveness of levamisole, pyrantel and bephenium compared in clinical trials, all drugs well tolerated: Egypt

Levamisole
  Fegies, M.; and Guerrero, J., 1977, Tr. Roy. Soc. Trop. Med. and Hyg., v. 71 (2), 178-179
    Toxoplasma gondii in humans, levamisole used alone or in conjunction with sulfamethoxazole and trimetoprin as chemical immunomodulator of cellular immune response, results of clinical trials favorable

Levamisole (Nilverm)
  Forsyth, B. A.; and Shepherd, G. E., 1977, Austral. Vet. J., v. 53 (12), 598-599 [Letter]
    Ostertagia ostertagi, cattle, levamisole, fenbendazole, clinical responses and weight gains showed that both drugs were highly effective in controlling Type II ostertagiosis outbreak: Western District of Victoria

Tetramisole -- Continued.

Nilverm
Fudalewicz-Niemczyk, W.; et al., 1975, Med. Wet., v. 31 (11), 666-668
sheep helminths, effective control with Nilverm and Zanil, increased weight gains and shearing yields: Hanczowa, Gorlice district

Nilverm
Fudalewicz-Niemczyk, W.; et al., 1976, Acta Zootech., Bratislava (32), 5-19
gastrointestinal helminths, mountain sheep, nilverm and zanil, favorable influence on body weight and wool production of treated animals, no influence of treatment on fertility: Poland

Levamisole (Tramisol)
Garlick, N. L., 1976, Canine Pract., Santa Barbara, v. 3 (2), 64-69
Dirofilaria immitis, dogs, drug trials, levamisole, good results against microfilariae and adult male heartworms, adult female heartworms resistant to drug, hematological and biochemical effects; levamisole + thiacetarsamide sodium + diethylcarbamazine, satisfactory results; levamisole followed by fenthion, good results

Levamisole + Thiacetarsamide sodium + Diethylcarbamazine
Garlick, N. L., 1976, Canine Pract., Santa Barbara, v. 3 (2), 64-69
Dirofilaria immitis, dogs, drug trials, levamisole, good results against microfilariae and adult male heartworms, adult female heartworms resistant to drug, hematological and biochemical effects; levamisole + thiacetarsamide sodium + diethylcarbamazine, satisfactory results; levamisole followed by fenthion, good results

Levamisole
Georgi, J. R.; et al., 1976, Cornell Vet., v. 66 (3), 309-323
Filaroides hirthi, life history in beagles, occurrence as function of age, intermediate or alternate definitive hosts not found, levamisole not effective: commercial breeding establishment, North Rose, Wayne County, New York

Tetramisole
Georgieva, D.; Vladimirova, A.; and Monov, M., 1975, Vet. Sbirka, v. 73 (11), 18, 20
nematodes of lambs, comparative tests of tetramisole, group and individual applications

Tetramisole (Ketrex)
Ghee, C. G., 1970, Med. J. Malaya, v. 24 (3), 218-220
evaluation of tetramisole as effective anthelmintic against Enterobius vermicularis in children

Tetramisole -- Continued.

Levamisole camphorsulfonate (Ascarilen R)
Girardi, C.; and Colombatti Valle, V., 1976, Ann. Fac. Med. Vet. Torino, v. 23, 15-35
levamisole, helminths, sheep, cattle, elimination of metabolites in urine and feces, no residues in tissues and milk after 96 hours

dl-Tetramisole
Groeneveld, H. T.; and Reinecke, R. K., 1969, Onderstepoort J. Vet. Research, v. 36 (2), 285-297
non-parametric statistical method for comparing worm burdens in two groups of sheep, application in interpreting results of anthelmintic tests

l-Tetramisole
Groeneveld, H. T.; and Reinecke, R. K., 1969, Onderstepoort J. Vet. Research, v. 36 (2), 285-297
non-parametric statistical method for comparing worm burdens in two groups of sheep, application in interpreting results of anthelmintic tests

Nilverm (Nemicide, Levamisole)
Grzywinski, L.; et al., 1975, Medycyna Wet., v. 31 (9), 524-526
nematodes, cattle, sheep, swine, Nilverm by injection for control, highly effective; no pathological lesions at site of injection

Nilverm
Grzywinski, L.; and Poznanski, W., 1976, Med. Wet., v. 32 (12), 737-739
Oesophagostomum sp., piglets from sows treated 2 weeks before farrowing with thibendazole had higher live weight gain rate than those from sows treated with nilverm

l-Tetramisole
Guerrero, C.; Rojas, M.; and Vargas, J., 1974, Rev. Invest. Pecuarias, v. 3 (1), 9-14
gastrointestinal nematodes, alpacas, activity of l-tetramisole, significant body weight gain in treated animals

Tetramisole (Decaris)
Gupta, M. C.; et al., 1977, Lancet, London (8029), v. 2, 108-110
ascariasis-infested preschool children, effect of periodic deworming with tetramisole on nutritional status and growth in children receiving government-supplied food supplements: Uttar Pradesh, India

Levamisolum (laevo-isomer of tetramisole)
Henriksen, Sv. Aa.; et al., 1976, Vet. Parasitol., v. 2 (3), 259-272
gastro-intestinal nematodes, young calves during first grazing season, infection levels, blood findings, body weight gains, comparison of animals grazing same pasture entire season with those moved in early July and between levamisole-treated and untreated animals: Denmark

Tetramisole -- Continued.

Levamisole (Ripercol)
Herlich, H., 1976, Vet. Parasitol., v. 2 (4), 377-383
Trichostrongylus axei, T. colubriformis, rabbits, efficacy of 8 anthelmintics at dose rates known to be effective in ruminants, evaluation of this system as preliminary screen for testing potential anthelmintics

Tetramisole
Hollo, F., 1971, Parasitol. Hungar., v. 4, 104-114
trichostrongyloidiasis in sheep causing gastro-enteritis, comparative trials of various anthelmintics showed tetramisole to be treatment of choice

1-Tetramisole
Howes, H. L., jr., 1972, Proc. Soc. Exper. Biol. and Med., v. 139 (2), 394-398
Trichuris muris and other helminths, dogs, mice (both exper.), CP-14,445 hydrochloride and pamoate compared with activity of known anthelmintics; dosage response data indicate that T. muris-mouse infection could be test model for antiwhipworm studies

Tetramisole
Husain, M. I.; and Agarwal, S. K., 1975, Indian J. Chem., v. 13 (11), 1238-1239
N-(4-N,N-diethylaminobenzylidene)-p-(4-methyl-1-piperazino)aniline shows significant activity in laboratory screening trials with Nematospiroides dubius infection in mice, comparison with tetramisole

Citarin
Isenbuegel, E., 1976, Prakt. Tierarzt, v. 57, Sondernummer, 21-27
Crenosoma striatum, hedgehogs

Citarin L
Isenbuegel, E., 1976, Prakt. Tierarzt, v. 57, Sondernummer, 21-27
Capillaria erinacei, hedgehogs

Laevamisole
Isenbuegel, E., 1976, Prakt. Tierarzt, v. 57, Sondernummer, 21-27
Capillaria erinacei, Crenosoma striatum, hedgehogs

Tetramisole
Ismail, D.; et al., 1976, Paediat. Indonesiana, v. 16 (9-10), 391-395
ascariasis in children, pyrantel pamoate more effective than either tetramisole or piperazine as therapy but all drugs reduced egg counts in feces by 80%: Indonesia

Levamisole (Nilverm)
Jacobs, D. E.; Lean, I. J.; and Oakley, G. A., 1977, Vet. Rec., v. 100 (3), 49
Trichuris suis adults, pigs, levamisole high activity by subcutaneous injection, poor results in feed

Tetramisole -- Continued.

Levamisole hydrochloride (Ripercol-L)
Jacobson, E., 1976, J. Zoo Animal Med., v. 7 (2), 14-15
Rhabdias sp., levamisole hydrochloride, snakes

1-Tetramisole hydrochloride (Tramisol)
Jacobson, H. A.; and Kirkpatrick, R. L., 1974, J. Wildlife Dis., v. 10 (4), 384-391
comparison of selected physiological measurements in untreated parasitized cottontail rabbits and those treated with 1-tetramisole hydrochloride and 2,2-dichlorovinyl, dimethyl phosphate: Montgomery County, Virginia

Levamisole
Jalanka, H.; and Lindberg, L. A., 1975, Histochemistry, v. 45 (4), 267-270
inhibition of alkaline phosphatase of equine, bovine, and rat neutrophilic leukocytes, preliminary observations on eosinophils

Levamisole (Nilverm)
Jones, B. R.; et al., 1977, N. Zealand Vet. J., v. 25 (4), 103-104
Filaroides osleri, dog (trachea, lung parenchyma), clinical findings, thiabendazole, levamisole, and fenbendazole suppressed larval production but failed to kill adults, pathology: New Zealand

Tetramisole hydrochloride
Kadhim, J. K.; Jabbir, M. H.; and Altaif, K. I., 1972, Research Vet. Sc., v. 13 (6), 597-599
Dictyocaulus filaria, goats (exper.), comparison between efficacy of tetramisole vs. morantel/diethylcarbamazine

dl-Tetramisole (Nilverm)
Kassai, T.; et al., 1973, Isotopes and Radiation Parasitol. III, 51-60
Dictyocaulus filaria, sheep and goats, laboratory investigation of immunity induced by irradiated vs. non-irradiated larvae, marked resistance following infection with normal larvae, irradiated larvae failed to prevent re-infection in sheep but did in 3 of 5 goats; sheep, field trials of radiation-attenuated vaccine compared to efficacy of anthelmintic treatment, no protection shown in vaccinated sheep

Levamisole (Nilverm)
Kelly, J. D.; et al., 1977, Research Vet. Sc., v. 22 (2), 161-168
Haemonchus contortus, Trichostrongylus colubriformis, resistant or susceptible to thiabendazole, sheep, effect of route of administration (oral, intra-ruminal or intra-abomasal) on efficacy of benzimidazole anthelmintics

Levamisole
Kistner, T. P.; and Wyse, D., 1975, Proc. Helminth. Soc. Washington, v. 42 (2), 93-97
nematodes of sheep, injectable levamisole, effective control of abomasal and small intestinal parasites with no evidence of skin damage or gross lesions at injection sites

Tetramisole -- Continued.

Ripercol (Tetramizol)
Klein Mori, J., 1972, Rev. Med. Vet. y Parasitol., Maracay, v. 24 (1-8), 1971-1972, 207-226
gastrointestinal nematodes, sheep, Neguvon, Ripercol, Thibenzoline, comparison, various management systems, all effective, Ripercol easiest to administer, Neguvon somewhat toxic

Tetramisole
Koehler, P., 1976, Ztschr. Parasitenk., v. 50 (2), 187
Ascaris suum, chemotherapy, effect on mitochondrial hydrogen transport

Tetramisole
Kozakiewicz, B., 1976, Med. Wet., v. 32 (5), 293-295
Trichocephalus vulpis, dogs, mebendazole very effective, tetramisole ineffective

Nilverm
Kozdon, O.; and Zajicek, D., 1976, Vet. Med., Praha, v. 49, v. 21 (11), 693-702
nematodes, sheep under natural field conditions, seasonal distribution as modified by dehelminthization, possible management strategies for effective timing of dehelminthization: Western Bohemia

Tetramisole (Decaris)
Kulkarni, D.; Rao, Y. V. B. G.; and Rao, B. V., 1977, Indian Poultry Rev., v. 8 (17), 14-16
Ascaridia galli, chickens (exper.), tetramisole, morantel tartarate, wopell, anthelmintic efficacy, laboratory trial, tetramisole and morantel tartarate most effective against immature and mature stages, wopell only partially effective

Levamisole
Kumar, V.; and Mortelmans, J., 1976, Parasitology, v. 72 (1), 13-18
Metastrongylus apri, guinea pigs, levamisole-terminated prepatent infection, stimulation of strong immunity to challenge, increase in serum gamma-globulin levels

d-1 Tetramisole (Citarin)
Lacuata, A. Q.; and Corpuz, Z. C., 1975, Philippine J. Vet. Med., v. 13 (1-2), 242-250
Ancylostoma spp., dogs, citarin administered subcutaneously, drug efficacy, fair results: Philippines

dl-Tetramisol (Citarin)
Laemmler, G.; and Gruener, D., 1976, Berl. u. Munchen. Tierarztl. Wchnschr., v. 89 (11), 222-225; (12), 229-233
Capillaria hepatica in Mastomys natalensis, comparative activity of 24 anthelmintics, possible model screening system

l-Tetramisol (Nemicide)
Laemmler, G.; and Gruener, D., 1976, Berl. u. Munchen. Tierarztl. Wchnschr., v. 89 (11), 222-225; (12), 229-233
Capillaria hepatica in Mastomys natalensis, comparative activity of 24 anthelmintics, possible model screening system

Tetramisole -- Continued.

Levamisole (Nemicide)
Laemmler, G.; and Wolf, E., 1977, Tropenmed. u. Parasitol., v. 28 (2), 205-225
Litomosoides carinii in Mastomys natalensis (exper.), 17 anthelmintics and chemotherapeutics comparatively tested for their chemoprophylactic activity against various larval stages of the parasites

Levamisole (Decaris)
Lang, F.; and Woelfer, V., 1976, Med. Universalis, v. 9 (5), 255-256
Ascaris lumbricoides, levamisole in humans, good results in field trials: Gyor-Sopron County, Hungary

Tetramisole
Leimbacher, F.; Nicolas, J. A.; and Delahaye, J., 1976, Rev. Med. Vet., Toulouse, v. 127 (6), 941-958
oxfendazole, comparison with tetramisole, gastrointestinal strongylosis, lambs

Levamisole
Le Jambre, L. F.; Southcott, W. H.; and Dash, K. M., 1976, Internat. J. Parasitol., v. 6 (3), 217-222
Haemonchus contortus, dose mortality response of strains selected by thiabendazole or by thiabendazole plus morantel tartrate to thiabendazole, morantel tartrate, or levamisole, results indicate that resistance to thiabendazole is due to a single gene and resistance to morantel tartrate is polygenic in nature

Levamisole
Le Jambre, L. F.; Southcott, W. H.; and Dash, K. M., 1977, Internat. J. Parasitol., v. 7 (6), 473-479
Ostertagia circumcincta, resistance of selected lines to thiabendazole, morantel tartrate, and levamisole following 8 generations of selection in the laboratory and up to 4 years selection in the field: Australia

Levamisole (Tramisol)
Leland, S. E., jr.; et al., 1975, Am. J. Vet. Research, v. 36 (4), Part 1, 449-456
Cooperia punctata, in vitro-grown parasitic stages, evaluation of 28 anthelmintics using presumptive and confirmatory tests, comparison of in vitro potency with established in vivo activity against Cooperia and various other parasites, potential usefulness as preliminary screening method

Levamisole
Lengyel, A.; et al., 1973, Orvosi Hetilap, v. 114 (23), 1368-1371
clinical trials testing levamisole for therapy of human intestinal parasites, good results against Ascaris lumbricoides

Levamisole (Decaris)
Levai, J.; Lengyel, A.; and Banki, G., 1972, Med. Universalis, v. 5 (1), 31-34
clinical trials using levamisole to treat human intestinal helminths, good results against Ascaris, Ancylostoma, Trichostrongylus, ineffective against Trichuris trichiura: Hungary

Tetramisole -- Continued.

Tetramisole
Lim, C., 1973, Singapore J. Primary Indust., v. 1 (2), 75-86
alimentary and respiratory tract parasites, pigs (feces), incidence in 3 age groups, intensity of infection, clinical findings, treatment

Tetramisole hydrochloride (Nilverm)
Lodha, K. R.; Raisinghani, P. M.; and Karwasra, R. S., 1977, Indian J. Animal Sc., v. 47 (10), 677-682
helminths, camels, promintic and banminth II effective, nilverm inconsistent in action, thiabendazole ineffective

Levamisole (Bay VG 2222; Citarin-L; Spot-On)
Lukovich, R.; et al., 1977, Gac. Vet., Buenos Aires (318), v. 39, 91-95
helminths, cattle, levamisole, results from injectable and dermal application similar

Levamisole
Lyons, E. T.; et al., 1975, Am. J. Vet. Research, v. 36 (6), 777-780
calves, natural infections of gastrointestinal parasites and lungworms, controlled test of activity of levamisole administered via drinking water, subcutaneous injection, or alfalfa pellet premix

Levamisole hydrochloride
Lyons, E. T.; Drudge, J. H.; and Tolliver, S. C., 1975, Proc. Helminth. Soc. Washington, v. 42 (2), 128-135
internal parasites of naturally infected horses, critical tests of levamisole alone or mixed with piperazine or trichlorfon, via stomach tube or in feed, varying rates of effectiveness, no toxicosis

Levamisole hydrochloride + Piperazine dihydrochloride or phosphate
Lyons, E. T.; Drudge, J. H.; and Tolliver, S. C., 1975, Proc. Helminth. Soc. Washington, v. 42 (2), 128-135
internal parasites of naturally infected horses, critical tests of levamisole alone or mixed with piperazine or trichlorfon, via stomach tube or in feed, varying rates of effectiveness, no toxicosis

Levamisole hydrochloride + Trichlorfon
Lyons, E. T.; Drudge, J. H.; and Tolliver, S. C., 1975, Proc. Helminth. Soc. Washington, v. 42 (2), 128-135
internal parasites of naturally infected horses, critical tests of levamisole alone or mixed with piperazine or trichlorfon, via stomach tube or in feed, varying rates of effectiveness, no toxicosis

Levamisole (Tramisol)
Lyons, E. T.; Drudge, J. H.; and Tolliver, S. C., 1976, J. Parasitol., v. 62 (3), 453-459
Parascaris equorum, foals (nat. and exper.), development and location of migrating larvae at specific time intervals after infection, evaluation of possible chemotherapeutic activity of several anthelmintics against migrating and early enteric-stage larvae

Tetramisole -- Continued.

Levamisole hydrochloride + Piperazine dihydrochloride (=Ripercol L-Piperazine)
Lyons, E. T.; Drudge, J. H.; and Tolliver, S. C., 1976, J. Parasitol., v. 62 (3), 453-459
Parascaris equorum, foals (nat. and exper.), development and location of migrating larvae at specific time intervals after infection, evaluation of possible chemotherapeutic activity of several anthelmintics against migrating and early enteric-stage larvae

dl-Tetramisole
Lyons, E. T.; Drudge, J. H.; and Tolliver, S. C., 1976, J. Parasitol., v. 62 (3), 453-459
Parascaris equorum, foals (nat. and exper.), development and location of migrating larvae at specific time intervals after infection, evaluation of possible chemotherapeutic activity of several anthelmintics against migrating and early enteric-stage larvae

Levamisole (Nilverm)
McBeath, D. G.; Best, J. M. J.; and Preston, N. K., 1977, Vet. Rec., v. 101 (20), 408-409
Moniezia expansa, lambs, fenbendazole, compared with levamisole, critical trial demonstrated that fenbendazole eliminates the entire worm rather than just the segments

Tetramisole
McLeod, C. C., 1976, N. Zealand J. Exper. Agric., v. 4 (2), 215-218
thiabendazole, tetramisole, pre- and post-weaning anthelmintic drenching, live-weight gain, wool weight in Romney ewe lambs with strongyle infections better in treated than in untreated lambs, no significant differences between anthelmintics

Levamisole
McQueen, I. P. M.; et al., 1977, N. Zealand J. Exper. Agric., v. 5 (2), 115-119
levamisole, tetramisole, dairy cows, increased milk and milkfat production

Tetramisole
McQueen, I. P. M.; et al., 1977, N. Zealand J. Exper. Agric., v. 5 (2), 115-119
levamisole, tetramisole, dairy cows, increased milk and milkfat production

Nilverm
Malczewski, A.; et al., 1975, Med. Wet., v. 31 (12), 728-731
helminths, sheep, treatment with Nilverm and Nilzan more effective in May and November than in May and September, higher economic profit, increased weight gains and shearing yields: Olsztyn province

Nilzan
Malczewski, A.; et al., 1975, Med. Wet., v. 31 (12), 728-731
helminths, sheep, treatment with Nilverm and Nilzan more effective in May and November than in May and September, higher economic profit, increased weight gains and shearing yields: Olsztyn province

Tetramisole -- Continued.

Tetramisole
Malik, P. D.; and Gupta, R. P., 1975, Haryana Agric. Univ. J. Research, v. 5 (1), 58-65
gastrointestinal nematodes, Dictyocaulus filaria, sheep, drug efficacy: University Farm, Hissar

Levamisole (Nilverm)
Mason, P. C., 1977, N. Zealand Agric. Sc., v. 11 (4), 182-183
high worm burdens of gastrointestinal nematodes in red deer during 1975 survey; low worm burdens in both treated (levamisole, cambendazole) and untreated deer during 1976 control project, concluded that climatic conditions were suitable for larval development in 1975 but not in 1976; recommendations for future parasite control: Invermay Farm, New Zealand

Levamisole (Tetramizole)
de Matos, P. F.; and Costa, J. O., 1976, Arq. Escola Vet. Univ. Fed. Minas Gerais, v. 28 (2), 173-180
gastrointestinal helminths, horses, levamisole, haloxon, crufomate, anthelmintic efficiency

Levamisole (Nilverm for injection)
Michalski, L., 1976, Med. Wet., v. 32 (7), 417-419
Thelazia rhodesi, cattle, levamisole injected into conjunctival sac highly efficient, tetramisole applied orally less effective

Tetramisole (Nilverm)
Michalski, L., 1976, Med. Wet., v. 32 (7), 417-419
Thelazia rhodesi, cattle, levamisole injected into conjunctival sac highly efficient, tetramisole applied orally less effective

l-Tetramisole (Solaskil)
Moreau, J. P.; Barbier, D.; and Radanielina, R., 1975, Nouv. Presse Med., v. 4 (15), 1136 [Letter]
Wuchereria bancrofti in humans, preliminary clinical trials using l-tetramisole, good results: Madagascar

Levamisole
Moreau, J. P.; Radanielina, R.; and Barbier, P., 1975, Medecine Trop., v. 35 (6), 451-455
levamisole in treatment of Wuchereria bancrofti, possible use in mass treatment

Levamisole (Nilverm)
Morris, R. S.; Anderson, N.; and McTaggart, I. K., 1977, Vet. Parasitol., v. 3 (4), 349-363
helminthiasis in breeding ewes, economic analysis of two schemes for anthelmintic (levamisole) control: Western District of Victoria, Australia

Tetramisole -- Continued.

Tetramisole
Muller, R., 1976, Pathophysiol. Parasit. Infect., 133-147
Dracunculus medinensis in rhesus monkeys, pathological processes associated with emergence of female worms, chemotherapy (some drugs had no effect on pre-emergent worms but markedly reduced host tissue reaction thus allowing easier extraction)

Tetramisole + Diamphenetide
Nemeseri, L., 1976, Magy. Allat. Lapja, v. 98, v. 32 [i. e. 31] (7), 459-461
Dictyocaulus filaria, trichostrongylids, Fasciola hepatica, sheep, successful treatment with combination of diamphenetide and tetramisole; no effect on Protostrongylidae

Levamisole
Niec, R.; Lukovich, R.; and Rosa, W. A. J., 1976, Gac. Vet., Buenos Aires (307), v. 38, 29
gastrointestinal helminthiasis, ovine, cutaneous application of levamisole, brief preliminary report

L-Tetramisole (R-8299; Decaris)
Nitzulescu, V.; et al., 1971, Pediatria, Bucuresti, v. 20 (2), 169-174
human ascariasis, L-tetramisole successfully used for mass therapy

Levamisole hydrochloride (Nemicide)
Oakley, G. A., 1977, Vet. Rec., v. 100 (15), 310-312
Oesophagostomum dentatum, pigs (exper.), levamisole hydrochloride, controlled and critical trials, good results

Levamisol
Ortiz, E.; et al., 1977, Gac. Vet., Buenos Aires (322), v. 39, 368-377
levamisol, calves, effectivity of new formulation applied percutaneously, good weight gain, parasites reduced, no toxicity

Tetramisole (Decaris)
Pattanayak, P. C., 1974, Indian J. Animal Research, v. 8 (2), 56-58
Ancylostoma sp., toxocariasis, pups, clinical trial with tetramisole, effective safe medication

Tetramisole (Nilverm)
Pavlicek, J.; and Dykova, I., 1976, Vet. Med., Praha, v. 49, v. 21 (6), 353-358
Ascaridia galli, chickens of different age groups, effectiveness of piperazine, tetramisole and metriphonate, metriphonate entirely ineffective; tissue reaction of host and number of worms as measures of effectiveness

Levo-tetramisole
Pawlowski, Z.; and Chodera, L., 1972, Polski Tygod. Lekar., v. 27 (41), 1605-1607
Ascaris lumbricoides, Necator americanus, Trichuris trichiura, humans, levo-tetramisole clinical trials successful except in trichuriasis

Tetramisole -- Continued.

L-Tetramisole
Pene, P.; and Delmont, J., 1973, Medecine Afrique Noire, v. 20 (1), 41-43
human ancylostomiasis, clinical trials using L-tetramisole: Mali

Tetramisol (Concurat)
Pfeiffer, A., 1977, Prakt. Tierarzt, v. 58 (1), 32-38
Hyostrongylus rubidus, Oesophagostomum spp., sows treated for improved weight gain of weanling pigs

Levamisole hydrochloride
Poeschel, G. P.; and Emro, J. E., 1972, J. Am. Vet. Med. Ass., v. 160 (12), 1637-1640
Metastrongylus spp., hogs (lungs), levamisole hydrochloride and levamisole resinate, good results

Levamisole resinate
Poeschel, G. P.; and Emro, J. E., 1972, J. Am. Vet. Med. Ass., v. 160 (12), 1637-1640
Metastrongylus spp., hogs (lungs), levamisole hydrochloride and levamisole resinate, good results

Levamisole hydrochloride
Presidente, P. J. A.; Knapp, S. E.; and Dean, R. E., 1973, J. Wildlife Dis., v. 9 (1), 34-40
Dictyocaulus viviparus, captive Odocoileus hemionus columbianus fawns, treatment with cambendazole vs. levamisole hydrochloride, survival and infectivity of larvae on contaminated pasture

Levamisole hydrochloride
Probert, A. J.; Smith, B. D. S.; and Herbert, I. V., 1973, Vet. Rec., v. 93 (11), 302, 303-306
Hyostrongylus rubidus, pigs (exper.), levamisole administered orally and subcutaneously, more effective against adults than larvae with selective elimination of male larvae compared with females

Tetramisole (Nilverm)
Ramisz, A.; Urban, E.; and Piechocki, B., 1975, Med. Wet., v. 31 (11), 677-679
Protostrongylidae of sheep, tetramisole effective against all species except Muellerius capillaris

Levamisole (Nilverm)
Reid, J. F. S.; Duncan, J. L.; and Bairden, K., 1976, Vet. Rec., v. 98 (21), 426-427
Ostertagia spp., pregnant sheep, efficacy of levamisole against inhibited larvae, good results: Scotland

Levamisole
Reinecke, R. K., 1972, Onderstepoort J. Vet. Research, v. 39 (3), 153-178
gastrointestinal nematodes of cattle, use of modified nonparametric method to evaluate anthelmintic efficacy of levamisole and mebendazole against various parasite stages, detailed description of each step of procedure

Tetramisole -- Continued.

Levamisole
Rew, R. S.; and Saz, H. J., 1977, J. Parasitol., v. 63 (1), 123-129
Litomosoides carinii, Dipetalonema viteae, and particularly Brugia pahangi microfilariae, oxygen requirements, carbohydrate metabolism, effect of levamisole

Levamisole phosphate (Ripercol L)
Robinson, P. T.; and Richter, A. G., 1977, J. Zoo Animal Med., v. 8 (1), 23-26
psittacine and other birds, levamisole phosphate parenterally, toxicity measured; successful treatment of Ascaridia hermaphrodita in Poicephalus robustus robustus: [San Diego Zoo]

Levamisole
Rogers, R.; and Denham, D. A., 1976, J. Helminth., v. 50 (1), 21-28
Brugia pahangi adults, 3rd stage infective larvae, microfilariae, action of levamisole in vitro and in vivo (cats and Aedes aegypti)

Levamisole
Romanowski, R. D.; et al., 1975, J. Parasitol., v. 61 (4), 777-778
Haemonchus contortus, cambendazole-resistant vs. -sensitive strains, effect on fumarate reductase of cambendazole, thiabendazole, and levamisole

Levamisole phosphate
Ronald, N. C.; Bell, R. R.; and Craig, T. M., 1977, J. Am. Vet. Med. Ass., v. 170 (3), 317-319
gastrointestinal nematodes, calves, levamisole phosphate, effective at one-half recommended dosage

Levamisole (1-Tetramisole)
Rowlands, D. ap T.; and Berger, J., 1977, J. South African Vet. Ass., v. 48 (2), 85-93
nematodes, calves (exper.), levamisole, dermal application, efficacy against third and fourth larval stages and fifth stage larvae/adult worms, results equivalent to those achieved by orthodox methods of drug administration

Tetramisole (Citarin)
Saupe, E., 1976, Vet.-Med. Nachr. (1), 91-96
Crenosoma striatum, hedgehog, tetramisole, good results

Tetramisole hydrochloride
Schenone, H.; et al., 1970, Bol. Chileno Parasitol., v. 25 (3-4), 118-122
single combined dose of pyrvinium and tetramisole effective in treating children with Enterobius vermicularis and mixed infections with Ascaris lumbricoides: Chile

L-tetramisole (Tramisol)
Scott, D. W., 1973, Cornell Vet., v. 63 (3), 483-500
Aelurostrongylus abstrusus, cats (feces), case reports, successful treatment with L-tetramisole; literature review

Tetramisole -- Continued.

Levamisole
Sharpe, M. J.; and Lee, D. L., 1977, Parasitology, v. 75 (2), xvi [Abstract]
Trichostrongylus colubriformis, Nematospiroides dubius, effect of levamisole on adenylate energy charge and on levels of acetylcholinesterase

Levamisole
Sigidin, J. A.; and Bunchuk, N. V., 1977, Lancet, London (8045), v. 2, 980 [Letter]
possible neurologic toxicity resulting from levamisole therapy

Tetramisole
Stammers, B. M., 1975, Ztschr. Parasitenk., v. 47 (2), 145-150
Fasciola hepatica, disruption of spermatogenesis, known fasciolicides and other anthelmintics tested

Levamisole HCl
Stewart, T. B.; et al., 1977, Am. J. Vet. Research, v. 38 (12), 2081-2083
Stephanurus dentatus, sows, levamisole HCl, subcutaneously and in corn meal feed, effect on hatchability and development of eggs and survival and development of ensuing larvae to 3rd stage

Levamisole HCl
Stewart, T. B.; Ciordia, H.; and Utley, P. R., 1975, Am. J. Vet. Research, v. 36 (6), 785-787
feedlot cattle with subclinical parasitism (heifer calves, yearling heifers, yearling steers), treatment with levamisole HCl or morantel tartrate or not treated, correlation with worm populations, worm egg counts, weight gains, and feed conversion efficiencies, possible economic advantage of treatment

Levamisole (Tramisole)
Stockdale, P. H. G.; and Smart, M. E., 1975, Research Vet. Sc., v. 18 (2), 178-181
Crenosoma vulpis, dogs (exper.), treatment with levamisole, diethylcarbamazine, thiacetarsamide, and cyacetazide (from most to least effective), pulmonary lesions

Tetramizole
Takats, C., 1972, Parasitol. Hungar., v. 5, 203-216
human helminths, 171 compounds tested on laboratory animals for possible anthelmintic action, techniques of screening procedures described

dl-Tetramisole
Thienpont, D.; et al., 1970, Paediat. Indonesiana, v. 10 (3), 98-108
common human intestinal parasites, comparison clinical trials with l- and dl-tetramisole, adults and children living in Belgium compared with others living in Indonesia

Tetramisole -- Continued.

l-Tetramisole
Thienpont, D.; et al., 1970, Paediat. Indonesiana, v. 10 (3), 98-108
common human intestinal parasites, comparison clinical trials with l- and dl-tetramisole, adults and children living in Belgium compared with others living in Indonesia

dl-Tetramisole hydrochloride
Tongson, M. S.; and Dayrit, A. M., 1975, Philippine J. Vet. Med., v. 14 (2), 53-64
Toxocara canis larvae, dl-tetramisole hydrochloride, white rats

Tetramisole
Tsolov, B.; and Tsanov, G., 1975, Vet. Sbirka, v. 73 (9), 20-22
strongyloids of sheep, economics of tetramisole treatment, body weight, milk production, not effective against Trichocephalus

Levamisole (Nemicide; Nilverm)
Turton, J. A., 1973, Ztschr. Tropenmed. u. Parasitol., v. 24 (2), 207-213
Dictyocaulus filaria, lambs, levamisole, efficacy administered orally or subcutaneously at rate of 7.5 mg per kg against different life cycle stages

Levamisole
Turton, J. A., 1977, Parasitology, v. 75 (2), xxxvi [Abstract]
Necator americanus, human (exper.), 4 infections in one person over 2-year period, protective response not elicited (using egg count as criterion), anthelmintic activity of levamisole exceptionally varied (from 0 to 99%) but mebendazole always 100% effective, symptoms, blood picture, antibody production, lesions produced during dermal penetration

dl-Tetramisole
Vakil, B. J.; and Dalal, N. J., 1975, Progr. Drug Research, v. 19, 166-175
comparative efficacy of newer anthelmintics in treating various human intestinal helminths, review

l-Tetramisole
Vakil, B. J.; and Dalal, N. J., 1975, Progr. Drug Research, v. 19, 166-175
comparative efficacy of newer anthelmintics in treating various human intestinal helminths, review

Levamisole
Vargas, J.; Guerrero, C.; and Rojas, M., 1972, Rev. Invest. Pecuarias, v. 1 (2), 137-144
levamisole, nematodes of alpacas, slight toxicity

Nilverm
Varshney, T. R.; and Singh, Y. P., 1976, Indian Vet. J., v. 53 (9), 672-676
Haemonchus contortus, trichostrongyles, Trichuris, lambs, critical trial, efficacy and economic value, various anthelmintics: Central Sheep and Wool Research Station, Pashulok Rishikesh (Dehradun)

Tetramisole -- Continued.

Levamisole
Vassiliades, G.; et al., 1975, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 28 (3), 315-317
Thelazia rhodesi, bovine, treatment with Morantel tartrate, levamisole, tetramisole and levamisole chlorhydrate, all effective; lugol, ineffective: Casamance (Senegal)

Levamisole chlorhydrate
Vassiliades, G.; et al., 1975, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 28 (3), 315-317
Thelazia rhodesi, bovine, treatment with Morantel tartrate, levamisole, tetramisole and levamisole chlorhydrate, all effective; lugol, ineffective: Casamance (Senegal)

Tetramisole
Vassiliades, G.; et al., 1975, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 28 (3), 315-317
Thelazia rhodesi, bovine, treatment with Morantel tartrate, levamisole, tetramisole and levamisole chlorhydrate, all effective; lugol, ineffective: Casamance (Senegal)

Levamisole hydrochloride (Ripercol-1)
Viljoen, J. H., 1976, J. South African Vet. Ass., v. 47 (3), 161-169
Parafilaria bovicola, calves, prepatent period, clinical aspects, filaricidal effects of 9 compounds; levamisole hydrochloride and fenbendazole reasonably effective: vicinity of Onderstepoort

Tetramisole + Oxyclozanide (=Nilzan)
Vyhnalek, J.; Kocman, J.; and Skaloud, J., 1976, Vet. Med., Praha, v. 49, v. 21 (7), 427-433
Fasciola hepatica, cattle and sheep, field trials, Nilzan and Dovenix effective, no side effects

Levamisole HCl (Tramisole)
Waldhalm, D. G.; and Hall, R. F., 1977, J. Am. Vet. Med. Ass., v. 171 (5), 429-430
haloxon, thiabendazole, levamisole, feedlot cattle, light nematode infections, no significant difference in weight gains in treated or untreated groups, 113-day feeding period

Levamisole (Tramisol)
Williams, J. C.; and Knox, J. W., 1976, Am. J. Vet. Research, v. 37 (4), 453-464
failure of stocker cattle to achieve projected weight gains at high stocking rates on Coastal bermudagrass pastures even with supplemental feeding and anthelmintic control of parasitism

Levamisole
Wing, E. J.; and Remington, J. S., 1977, West. J. Med., San Francisco, v. 126 (1), 14-31
role of cell-mediated immunity (and enhancement by levamisole) in host defense against human parasitic diseases, extensive review

Tetramisole -- Continued.

Levamisole
Yeoh, T. S.; et al., 1975, Internat. Arch. Allergy and Applied Immunol., v. 49 (3), 371-380
characteristics of anaphylactic histamine release in vitro from peritoneal cells of rats infected with Toxocara canis, both disodium cromoglycate and levamisole produced dose-related inhibition of histamine release

Levamisole hydrochloride (Ripercol-L)
Young, E.; and Basson, P. A., 1976, J. South African Vet. Med. Ass., v. 47 (1), 57
Cordophilus sagittus, Haemonchus spp., eland, pathology, levamisole hydrochloride, good results against gastro-intestinal parasites: Kruger National Park, translocated from Addo Elephant National Park

Nilverm
Zajicek, D.; and Kozdon, O., 1977, Veterinarstvi, v. 27 (6), 257-258
nematodes, sheep, relation of dehelminthization with pyrantel HCl, helmantac and nilverm to nematode incidence on pastures, three-year study, overall decrease

Levamisole
Zaman, V.; and Fung, W. P., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (1), 144-145 [Letter]
eosinophilic lung (tropical eosinophilia), successful treatment with levamisole, case report

Levamisole (Ketrax)
Zaman, V.; and Lal, M., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (4), 610 [Letter]
Wuchereria bancrofti, human, treatment with levamisole, severe reaction in one of two patients probably similar to pattern seen with diethylcarbamazine

Levamisole
Zaman, V.; and Lim, E. P. C., 1974, Southeast Asian J. Trop. Med. and Pub. Health, v. 5 (4), 579-580
Breinlia sergenti larvae unable to complete development in Armigeres subalbatus vector mosquitoes that had been treated with levamisole

Nilverm
Zielinski, J., 1972, Med. Wet., v. 28 (9), 566-567
parasites, sheep, Nilverm, copper sulfate

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dl-Tetramisole. See Tetramisole.

l-Tetramisole. See Tetramisole.

L-Tetramisole. See Tetramisole.

Tetramisole hydrochloride. See Tetramisole.

dl-Tetramisole hydrochloride. See Tetramisole.

l-Tetramisole hydrochloride. See Tetramisole.

Tetramisole laevo-isomer. See Tetramisole.

Tetramizole. See Tetramisole.

Thalidomide (Contergan)
Heischkeil, R., 1973, Ztschr. Tropenmed. u. Parasitol., v. 24 (4), 505-516
Plasmodium vinckei, chemotherapeutic activity of selected antagonists of folic acid metabolism with special reference to structure-activity relationships, comparison with some standard antimalarials; some compounds also exert noxious effect on host

Thenium iodide -- Dimethyl (2-phenoxyethyl)-2-thenylammonium iodide.

Thenium iodide
Leland, S. E., jr.; et al., 1975, Am. J. Vet. Research, v. 36 (4), Part 1, 449-456
Cooperia punctata, in vitro-grown parasitic stages, evaluation of 28 anthelmintics using presumptive and confirmatory tests, comparison of in vitro potency with established in vivo activity against Cooperia and various other parasites, potential usefulness as preliminary screening method

2-(alpha-Thenoyl amino)-5-nitrothiazole. See Atrican.

Theradex. See Benzene hexachloride, Gamma.

Theradiazine. See Sulfadiazine.

Thiabendazole -- Bovizole; Equizole; Equizole A (with Piperazine); Mintesol; Mintezol; Minzolum; Omnidazole; Omnizole; Ranizole (with Rafoxanide); Suiverm (with Piperazine adipate); TBZ; Thiabenzole; 2-(4'-Thiazolyl) benzimidazole; Thibenzole; Thibenzole R; Thibenzole Cattle Wormer Powder; Thibenzole Pig Wormer Paste; Thibenzole Sheep & Goat Wormer; Thibenzoline; Thiobendazol; Thiprazole (with Piperazine[-Carbon disulfide]); Thiprazole sow wormer; Thiprazole weaner wormer (with Picadex); Tiabendazolum; Tresaderm (with Dexamathasone and Neomycin).

Thiabendazole
Abdel-Rahman, M. S.; et al., 1972, Parasitol. Hungar., v. 5, 225-237
Strongylus spp., Trichonema spp., Parascaris equorum, Trichostrongylus axei in horses, field trials testing efficacy of various anthelmintics; phenothiazine, banminth and thiabendazole most effective: Egypt

Thiabendazole -- Continued.

Thiabendazole
Aftandelians, R.; et al., 1977, Am. J. Trop. Med. and Hyg., v. 26 (1), 64-71
Capillaria aerophila, granulomatous lesion containing worm removed from lung of child presenting with asthmatic symptoms and eosinophilia, treatment with diethylcarbamazine and thiabendazole relieved symptoms, clinical case report, possible transmission through cat-contaminated play area: Teheran, Iran

Thiabendazole (Mintezol)
Aita, J. F.; and Kramer, M. D., 1973, Maryland State Med. J., v. 22 (12), 40-46
case reports and clinical review of human trichinosis, mintezol: Maryland

Thiabendazole
Alcaino, H., 1970, Bol. Chileno Parasitol., v. 25 (3-4), 110-113
Uncinaria stenocephala, efficacy of tetramizole, dogs (exper.), comparative trials with thiabendazole which was not effective

Thiabendazole
Alvarez Chacon, R.; Rodriguez Rodriguez, M.; and Cob Sosa, C. E., 1974, Bol. Med. Hosp. Inf., v. 31 (6), 1125-1147
massive Trichuris trichiura infections, children, statistical survey, comparative clinical trial with oral and rectal thiabendazole and rectal hexylresorcinol

Thiabendazole (Bovizole)
Anderson, N., 1977, Research Vet. Sc., v. 23 (3), 298-302
Ostertagia ostertagi, Trichostrongylus axei, cattle, efficacy of levamisole, thiabendazole, and fenbendazole

Thiabendazole
Anderson, N.; Blake, R.; and Titchen, D. A., 1976, Parasitology, v. 72 (1), 1-12
Ostertagia circumcincta, sheep, repeated infections, food intake, total acid output of fundic pouches, pH of abomasal contents, plasma pepsinogen levels, effects reversed by thiabendazole treatment, secretory capacity of fundic pouches tested with pharmacologic agents and feeding

Thiabendazole
Ardans, A.; and Walters, G., 1975, Am. J. Vet. Res., v. 36 (11), 1589-1590
Parascaris equorum, strongyles, Quarter horses, treatment with 3 formulations of cambendazole (paste, pellets, suspension) vs. thiabendazole (suspension)

Thiabendazole
Baines, D. M.; and Colegrave, A. J., 1977, Vet. Rec., v. 100 (11), 217-219
gastrointestinal helminths, sheep, thiophanate, productivity and tolerance trials, compared with thiabendazole and tetramisole: England and Wales

Thiabendazole -- Continued.

Thiabendazole (Thiprazole sow wormer)
Baines, D. M.; Dalton, S. E.; and Eichler, D. A., 1976, Vet. Rec., v. 99 (7), 119-122
swine nematodes, field and exper. studies, thiophanate alone or with piperazine, compared with thiabendazole alone or with picadex

Thiabendazole + Picadex (= Thiprazole weaner wormer)
Baines, D. M.; Dalton, S. E.; and Eichler, D. A., 1976, Vet. Rec., v. 99 (7), 119-122
swine nematodes, field and exper. studies, thiophanate alone or with piperazine, compared with thiabendazole alone or with picadex

Thiabendazole
Bartholomew, C.; et al., 1977, Postgrad. Med. J., London (617), v. 53, 139-142
Strongyloides stercoralis, humans, case reports of sprue-like symptoms and pseudo-intestinal obstruction, pathologic findings, good results with thiabendazole therapy: Trinidad, West Indies

Thiabendazole
Belcher, D. W.; Wurapa, F. K.; and Ward, W. B., 1975, Am. J. Trop. Med. and Hyg., v. 24 (3), 444-446
thiabendazole and metronidazole unsatisfactory in treatment of human guinea worm in exper. trials comparing effectiveness, cost and side-effects: Accra, Ghana

Thiabendazole
Benitez-Usher, C.; et al., 1977, Vet. Parasitol., v. 3 (4), 327-342
Haemonchus contortus, Scottish Blackface lambs, immunization with gamma-irradiated larvae, roles of host age, size of immunizing dose, previous exposure to infection, and anthelmintic (thiabendazole) therapy

Thiabendazole
Bergeland, M. E.; Todd, K. S., jr.; and Ohlendorf, L. F., 1976, Proc. Helminth. Soc. Washington, v. 43 (2), 230-231
Pelodera strongyloides, dermatitis in sheep: northern Illinois

Thiabendazole (Thibenzole)
Berger, J., 1975, J. South African Vet. Ass., v. 46 (4), 369-372
sheep, laboratory strain and parbendazole resistant field strain of Haemonchus contortus, resistant to five benzimidazoles, susceptible to levamisole and haloxon

Thiabendazole (Mintezol)
Best, J. C.; et al., 1976, Med. J. Australia, v. 1 (1-2), 14-20
assessment of growth-rate and growth-retardation in Australian Aboriginal children before and after treatment for common intestinal parasites

Thiabendazole -- Continued.

Thiabendazole (Mintezol)
Bigorie, B.; et al., 1976, Nouv. Presse Med., v. 5 (13), 853-855
Strongyloides stercoralis in woman with resulting digestive tract complications and malabsorption syndrome, thiabendazole, clinical case report: France, immigrant from Guadeloupe

Mintezol
Biroum-Noerjasin, 1973, Clin. and Exper. Immunol., v. 13 (4), 545-551
hookworm, human, IgE levels in relation to anti-helminthic treatment, to numbers of eggs/g of stool, to states of infestation (with and without reinfestation, with and without superinfestation), and to time post-treatment, changes in differential lymphocyte and eosinophil counts: East Java, Indonesia

Thiabendazole
Bitoun, A.; et al., 1972, Nouv. Presse Med., v. 1 (29), 1935-1937
massive severe strongyloidiasis in young woman being treated with cortico-steroids, thiabendazole therapy, clinical case report: Paris, France (native of Gabon)

Thibenzole
Bliss, D. H.; and Todd, A. C., 1976, Vet. Med. and Small Animal Clin., v. 71 (9), 1251-1254
parasites, cattle, increased milk production after deworming, Thibenzole, Baymix

Thiabendazole (Mintezol)
Bonnet, R., 1972, Medecine Afrique Noire, v. 19 (3), 229-231
review of uses of thiabendazole in treatment of both human and animal intestinal parasites

Thiabendazole
Brglez, J.; et al., 1975, Zborn. Bioteh. Fak. Univ. Ljubljani, v. 12 (1), 143-155
Demodex canis, dogs, complete cure with dermovete; transient cure with neguvon, task and thiabendazole

Thiabendazole
Brunsdon, R. V., 1976, N. Zealand J. Exper. Agric., v. 4 (3), 275-279
lambs, effectiveness of single thiabendazole drench at weaning in controlling build-up of trichostrongyle worm burdens, relative importance of various sources of pasture contamination (overwintered larvae; larvae deposited by ewes and lambs in pre-weaning period; larvae deposited by lambs at weaning)

Thiabendazole
Bueno, L.; Dorchies, P.; and Ruckebusch, Y., 1976, Compt. Rend. Soc. Biol., Paris, v. 169 (6), 1975, 1627-1632
Trichostrongylus, lambs (exper.), disturbances in gastrointestinal motility preceding diarrhea, electromyographic analysis, effect of thiabendazole treatment

Thiabendazole -- Continued.

Tresaderm
Bullmore, C. C.; et al., 1976, Feline Pract., v. 6 (6), 36
Trombicula alfreddugesi, cat (ears), case report, tresaderm

Thiabendazole
Campbell, W. C.; McCracken, R. O.; and Blair, L. S., 1975, J. Parasitol., v. 61 (5), 844-852
Echinococcus multilocularis in mice and cotton rats, Taenia crassiceps in mice, effect of benzimidazole compounds on metacestodes, comparison of intraperitoneal, subcutaneous, and oral inoculation

Thiabendazole (Thibenzole)
Chhabra, R. C.; Bali, H. S.; and Toor, L. S., 1976, J. Research, Punjab Agric. Univ., v. 13 (3), 308-311
gastrointestinal strongyles in sheep, critical drug evaluation, thiabendazole (most effective), tetramisole (good results), morantel tartrate (fair results), clioxanide and methyridine (least effective): India

Thiabendazole
Chroust, K.; and Dyk, V., 1975, Deutsche Tierarztl. Wchnschr., v. 82 (12), 487-491
gastrointestinal nematodes of lambs and heifers, efficacy of fenbendazole, thiabendazole and tetramisole compared

Thiabendazole (Bovizole)
Clark, R. G.; and Lewis, K. H. C., 1977, N. Zealand Vet. J., v. 25 (7), 187-190
thiabendazole overdosage, deaths in sheep

Thiabendazole
Coles, G. C.; and McNeillie, R. M., 1977, J. Helminthol., v. 51 (4), 323-326
dietary feeding of drugs for 5 days to mice infected with Nematospiroides dubius and Hymenolepis nana, detected all modern anthelmintics examined except stilbazium; simple test using N. spathiger eggs and Nippostrongylus brasiliensis adults to detect anthelmintics in vitro

Thiabendazole
Coles, G. C.; and Simpkin, K. G., 1977, Research Vet. Sc., v. 22 (3), 386-387
resistance of normal nematode eggs and eggs of benzimidazole-resistant Haemonchus contortus and Trichostrongylus colubriformis to ovicidal activity of benzimidazoles, observed that eggs from benzimidazole-resistant nematodes are resistant to benzimidazoles, may be useful as simple screen for detecting resistance

Thiabendazole (Thibenzole)
Colglazier, M. L.; et al., 1974, Proc. Helminth. Soc. Washington, v. 41 (2), 145-150
gastrointestinal helminths, sheep, pasture trials, levamisole and thiabendazole, good to fair control except with Trichuris spp. and Moniezia expansa

Thiabendazole -- Continued.

Thiabendazole (Thibenzole)
Colglazier, M. L.; Kates, K. C.; and Enzie, F. D., 1975, J. Parasitol., v. 61 (4), 778-779
Haemonchus contortus, cambendazole-resistant strain, cross-resistance to thiabendazole, mebendazole, and oxibendazole, fully sensitive to levamisole

Thiabendazole
Congdon, L. L.; and Ames, E. R., 1973, Am. J. Vet. Research, v. 34 (3), 417-418
Toxocara canis, prepatent infections, dogs, thiabendazole effective

Thiabendazole (Thibenzole)
Cosgrove, G. E.; and Jared, D. W., 1977, Lab. Animal Sc., v. 27 (4), 526-527
Capillaria [sp.] in Xenopus laevis (skin), thiabendazole, good results with repeated therapy: Oak Ridge National Laboratory, Tennessee

Thiabendazole
Cottier, K.; Dobbie, J. L.; and Andrew, B. L., 1976, N. Zealand J. Exper. Agric., v. 4 (3), 285-290
anthelmintic drenching of lambs from Jan. to June, 0 vs. 3 vs. 6 drenches, effect on live weight gains and on wool weight and quality, drenching is beneficial but greater increases due to 6 drenches are probably offset by greater costs: Waikato, New Zealand

Thiabendazole (Mintezole)
Coulaud, J. P.; Pasticier, A.; and Saint-Louvent, P., 1976, Nouv. Presse Med., v. 5 (44), 3013-3014 [Letter]
human strongyloidiasis with accompanying acute epigastric distress, clinical aspects, thiabendazole

Thiabendazole
Courtney, C. H.; Forrester, D. J.; and White, F. H., 1977, J. Am. Vet. Med. Ass., v. 171 (9), 991-992
helminths in Pelecanus occidentalis, anthelmintic activity of arecoline hydrobromide, thiabendazole, niclosamide, l-tetramisole: Bird Keys and Port Orange, Florida

Thiabendazole (Mintezol)
Dan, V.; Senghor, G.; and Niang, I., 1973, Medecine Afrique Noire, v. 20 (12), 997-1006
recommendations for use in clinics and for mass therapy in human intestinal helminth infections, adults and children

Thiobendazol
Danielli, Y.; and Neuman, M., 1975, Refuah Vet., v. 32 (4), 94-95, 153-154
mixed parasites, cattle, good results following repeated chemotherapy: Birkat Ata

Thiabendazole -- Continued.

Mintezol
Danjou, R.; et al., 1975, Acta Trop., v. 32 (4), 389-391
10-year-old child with allergic and neurologic manifestations developing into eosinophilic meningitis, diagnosed by immunoelectrophoresis as Hypoderma lineatum, Mintezol treatment: from United States, extensive travel in France and Germany

Thiabendazole + Prednisone
Davis, M. J.; et al., 1976, Neurology, v. 26 (1), 37-40
Trichinella spiralis in man, severe muscle involvement (4,046 larvae per gram of muscle), clinical case report, history of frequent consumption of pickled pigs' feet, recovery after thiabendazole given concomitantly with prednisone: New York City

Thiabendazole
Dent, G. C., 1972, J. South African Vet. Ass., v. 43 (2), 193-195
phenothiazine and thiabendazole, sheep, recommended treatment procedures under conditions of Eastern Cape and Eastern Orange Free State

Thiabendazole (Mintezol)
Diop, B.; and Bao, O., 1974, Medecine Afrique Noire, v. 21 (1), 31-40
human intestinal helminths, clinical indications for treatment, suggested dosage, efficacy, tolerances, possible toxicities

Thiabendazole
Dorchies, P.; and Amalric, M., 1977, Rev. Med. Vet., Toulouse, v. 128 (1), 7-24
gastrointestinal helminths, gastrophilosis, horses, anthelmintics, drug efficacy, review

Thiabendazole (Mintezole)
Doury, P.; et al., 1975, Nouv. Presse Med., v. 4 (11), 805 [Letter]
Strongyloides stercoralis in elderly woman resulting in symptoms of arthritis with multiple joint involvement, relief of symptoms after thiabendazole therapy: Paris

Thiabendazole
Dwork, K. G.; Jaffe, J. R.; and Lieberman, H. D., 1975, N. York State J. Med., v. 75 (8), 1230-1234
Strongyloides stercoralis, massive hyperinfection in humans with attenuated cell-mediated immunity, case report of mixed infection with toxoplasmosis, literature review of known cases, thiabendazole therapy helpful

Thiabendazole
Farahmandian, I.; et al., 1977, Chemotherapy, v. 23 (2), 98-105
human intestinal Ascaris, hookworm and Trichostrongylus spp., statistics of comparative trials using pyrantel, levamisole, mebendazole, thiabendazole and bephenium: Iran

Thiabendazole -- Continued.

Thiabendazole (Omnidazole)
Farrington, D. O.; Lundvall, R. L.; and Greve, J. H., 1976, Vet. Med. and Small Animal Clin., v. 71 (9), 1199, 1202
Pelodera strongyloides dermatitis, horse, case history, thiabendazole, good results: Iowa

Thiabendazole (TBZ)
Forrester, D. J.; Taylor, W. J.; and Nair, K. P. C., 1974, J. Wildlife Dis., v. 10 (1), 11-17
strongyloidosis in captive Odocoileus virginianus fawns, high mortality, transmission strongly presumed to be intrauterine, effective control by removal from does after 2 days of age and thiabendazole treatment; possible implications for wild deer populations: Florida

Thiabendazole
Gemmell, M. A.; Johnstone, P. D.; and Oudemans, G., 1977, Research Vet. Sc., v. 23 (1), 115-116
Taenia hydatigena, dogs (exper.), lethal effect of 6 benzimidazoles compared

Thiabendazole
Gibson, T. E.; and Parfitt, J. W., 1976, J. Comp. Path., v. 86 (4), 547-555
Ostertagia circumcincta, sheep, phenothiazine and thiabendazole treatment, no influence on host resistance, slight effect on weight gain

Thiabendazole
Gill, G. V.; Bell, D. R.; and Reid, H. A., 1977, Brit. Med. J. (6067), v. 1, 1007
Strongyloides stercoralis, long-standing infections in ex-Far East prisoners of war frequently presenting as rash with urticarial eruptions, good response to thiabendazole; similar therapy suggested for persons who have been in tropics and develop typical rash: Liverpool, England

Thiabendazole
Gonzalez, H.; and Plaza, J., 1968, Bol. Chileno Parasitol., v. 23 (3-4), 134-137
gastrointestinal nematodes of sheep, comparative therapeutic trials using banminth, phenothiazine, and thiabendazole

Thiabendazole
Gorgas, M., 1976, Zool. Garten N. F., v. 46 (1-2), 82-85
Toxocara leonina, T. cati, tigers, cerebral disorders caused by somatically migrating larvae, treatment with neguvon and thiabendazole

Thiabendazole
Groeneveld, H. T.; and Reinecke, R. K., 1969, Onderstepoort J. Vet. Research, v. 36 (2), 285-297
non-parametric statistical method for comparing worm burdens in two groups of sheep, application in interpreting results of anthelmintic tests

Thiabendazole -- Continued.

Thiabendazole
Grzywinski, L.; and Poznanski, W., 1976, Med. Wet., v. 32 (12), 737-739
Oesophagostomum sp., piglets from sows treated 2 weeks before farrowing with thibendazole had higher live weight gain rate than those from sows treated with nilverm

Thiabendazole
Gudiol, F.; et al., 1974, Med. Clin., Barcelona, v. 63 (3), 125-137
human Trichinella spiralis, comprehensive resume of finding observed in 22 human infections (predominance of females, inverse relationship to alcoholic consumption, eosinophilia, changes in blood protein levels, metabolic activity of parasitized muscles, treatment with thiabendazole)

Thiabendazole
Harland, P. S. E. G.; Meakins, R. H.; and Harland, R. H., 1977, Brit. Med. J. (6089), v. 2, 772 [Letter]
human cutaneous larva migrans, successful use of topical applications of thiabendazole rather than systemic therapy

Thiabendazole (Mintezole)
Hazel, J. R.; and Grant, A. K., 1969, Med. J. Australia, v. 2 (23), 1159-1160
Strongyloides stercoralis in Australian soldier who had served in South-East Asia, marked eosinophilia, malaise and skin rash as presenting symptoms, case report, cured with thiabendazole

Thiabendazole
Helle, O.; and Tharaldsen, J., 1976, Vet. Parasitol., v. 1 (4), 345-357
Ostertagia ostertagi and Cooperia spp. in young cattle during their first grazing season, free-living stages overwintered in sufficient numbers to cause reduced weight gain and clinical disease in early spring, thiabendazole treatment and move to clean pasture improved weight gain: Norway

Thiabendazole (Thibenzole)
Herlich, H., 1976, Vet. Parasitol., v. 2 (4), 377-383
Trichostrongylus axei, T. colubriformis, rabbits, efficacy of 8 anthelmintics at dose rates known to be effective in ruminants, evaluation of this system as preliminary screen for testing potential anthelmintics

Thiabendazole
Hernandez-Perez, E., 1976, Arch. Dermat., Chicago, v. 112 (10), 1400-1401
successful topical application of thiabendazole solution in 80% of scabies-infected patients; patients with persistent scabious nodules further treated with triamcinolone diacetate intralesionally: San Salvador

Thiabendazole -- Continued.

Thiabendazole
Herrero Alonso, C., 1969, Med. Trop., Madrid, v. 45 (1-2), 11-20
thiabendazole drug of choice in treating human infections of Ancylostoma duodenale, Trichuris trichiura and Ascaris lumbricoides, clinical trials

Thiabendazole (Omnizole)
Hill, B. L.; and McChesney, A. E., 1976, J. Am. Animal Hosp. Ass., v. 12 (4), 487-489
Filaroides osleri, dog, clinical findings, diagnosis, thiabendazole, case history

Thiabendazole (Thibenzole R)
Hogarth-Scott, R. S.; et al., 1976, Research Vet. Sc., v. 21 (2), 232-237
Haemonchus contortus, Trichostrongylus colubriformis, thiabendazole-resistant strains, efficacy of fenbendazole, sheep, implications for management of helminth disease in grazing animals with respect to benzimidazole-resistance

Thiabendazole
Hollo, F., 1971, Parasitol. Hungar., v. 4, 104-114
trichostrongyloidiasis in sheep causing gastro-enteritis, comparative trials of various anthelmintics showed tetramisole to be treatment of choice

Thiabendazole (Thibenzole)
Horak, I. G.; Honer, M. R.; and Schroeder, J., 1976, J. South African Vet. Ass., v. 47 (4), 247-251
helminths and Oestrus ovis, merino sheep, treated at four-weekly intervals or strategically, live mass gains, wool production and fecal worm egg counts, compared with untreated controls: Eastern Transvaal Highveld

Thiabendazole + Rafoxanide (=Ranizole)
Horak, I. G.; Honer, M. R.; and Schroeder, J., 1976, J. South African Vet. Ass., v. 47 (4), 247-251
helminths and Oestrus ovis, merino sheep, treated at four-weekly intervals or strategically, live mass gains, wool production and fecal worm egg counts, compared with untreated controls: Eastern Transvaal Highveld

Thiabendazole
Howes, H. L., jr., 1972, Proc. Soc. Exper. Biol. and Med., v. 139 (2), 394-398
Trichuris muris and other helminths, dogs, mice (both exper.), CP-14,445 hydrochloride and pamoate compared with activity of known anthelmintics; dosage response data indicate that T. muris-mouse infection could be test model for antiwhipworm studies

Thiabendazole -- Continued.

Minzolum (Thiabendazole)
Huismans, H., 1977, Ophthalmologica, Basel, v. 174 (1), 10-13
2 case reports of human Toxocara canis solitary granuloma ocular infection, one case previously misdiagnosed as toxoplasmosis, treatment with minzolum and/or photocoagulation with steroid therapy

Thiabendazole
Ishizaki, T., 1974, Internat. Med. Found. Japan. Reporting series (4), 65-81
human Ascaris lumbricoides, epidemiologic and historical review, nightsoil control measures, comparison of anthelmintics in current use: Japan

Thiabendazole (Thiabenzole)
Jones, B. R.; et al., 1977, N. Zealand Vet. J., v. 25 (4), 103-104
Filaroides osleri, dog (trachea, lung parenchyma), clinical findings, thiabendazole, levamisole, and fenbendazole suppressed larval production but failed to kill adults, pathology: New Zealand

Mintezol (Thiabendazole)
Junod, C., 1972, Medecine et Malad. Infect., v. 2 (2), 55-60
Strongyloides stercoralis, Necator americanus, predominant intestinal parasites of natives of Antilles now residing in France, statistics of infection, means of detection, approved treatment with mintezol

Mintezol
Karel, I.; et al., 1977, Ophthalmologica, Basel, v. 174 (1), 14-19
Toxocara larva migrans, woman with granulomatous ocular lesion and active larva in the pupillary area, intolerance to mintezol therapy, case report: Czechoslovakia

Thiabendazole (Mintezol)
Kelly, A.; Little, M. D.; and Voge, M., 1976, Am. J. Trop. Med. and Hyg., v. 25 (5), 694-699
Strongyloides sp. (S. fulleborni-like) infections in natives discovered during intestinal parasitic survey, mintezol, morphological comparisons with other Strongyloides spp.: Fly River, Kiunga, Papua

Thiabendazole (Thibenzole)
Kelly, J. D.; et al., 1977, Research Vet. Sc., v. 22 (2), 161-168
Haemonchus contortus, Trichostrongylus colubriformis, resistant or susceptible to thiabendazole, sheep, effect of route of administration (oral, intra-ruminal or intra-abomasal) on efficacy of benzimidazole anthelmintics

Thibenzoline (Thiabendazol)
Klein Mori, J., 1972, Rev. Med. Vet. y Parasitol., Maracay, v. 24 (1-8), 1971-1972, 207-226
gastrointestinal nematodes, sheep, Neguvon, Ripercol, Thibenzoline, comparison, various management systems, all effective, Ripercol easiest to administer, Neguvon somewhat toxic

Thiabendazole -- Continued.

Thiabendazole
Koehler, P., 1976, Ztschr. Parasitenk., v. 50 (2), 187
Ascaris suum, chemotherapy, effect on mitochondrial hydrogen transport

Thiabendazole (Mintezol) + Prednisone
Kramer, M. D.; and Aita, J. F., 1972, Neurology, v. 22 (5), 485-491
Trichinella spiralis in human with central nervous system involvement and unilateral rectus paresis, case report, history of pork chop consumption, thiabendazole in conjunction with prednisone: Baltimore

Thiabendazol (Thibenzole)
Laemmler, G.; and Gruener, D., 1976, Berl. u. Munchen. Tierarztl. Wchnschr., v. 89 (11), 222-225; (12), 229-233
Capillaria hepatica in Mastomys natalensis, comparative activity of 24 anthelmintics, possible model screening system

Thiabendazole
Lamas, R.; et al., 1970, Bol. Chileno Parasitol., v. 25 (1-2), 74-77
cutaneous larva migrans (possible Ancylostoma caninum origin) in city garbage collector successfully treated with thiabendazole, transmission of infection probably from fecal-contaminated material associated with occupation: Santiago, Chile

Thiabendazole (Mintezol)
Langer, A.; and Hung, C. T., 1973, Obst. and Gynec., v. 42 (4), 564-567
human hookworm anemia associated with pregnancy, clinical management with tetrachlorethylene or with tetrachlorethylene and thiabendazole in Trichuris trichiura-associated infections

Thiabendazole
Le Jambre, L. F., 1976, Vet. Parasitol., v. 2 (4), 385-391
Haemonchus contortus, Ostertagia circumcincta, technique for assay of thiabendazole resistance by hatching eggs in solutions of thiabendazole

Thiabendazole
Le Jambre, L. F.; Southcott, W. H.; and Dash, K. M., 1976, Internat. J. Parasitol., v. 6 (3), 217-222
Haemonchus contortus, dose mortality response of strains selected by thiabendazole or by thiabendazole plus morantel tartrate to thiabendazole, morantel tartrate, or levamisole, results indicate that resistance to thiabendazole is due to a single gene and resistance to morantel tartrate is polygenic in nature

Thiabendazole -- Continued.

Thiabendazole
Le Jambre, L. F.; Southcott, W. H.; and Dash, K. M., 1977, Internat. J. Parasitol., v. 7 (6), 473-479
Ostertagia circumcincta, resistance of selected lines to thiabendazole, morantel tartrate, and levamisole following 8 generations of selection in the laboratory and up to 4 years selection in the field: Australia

Thiabendazole (Thibenzole)
Leland, S. E., jr.; et al., 1975, Am. J. Vet. Research, v. 36 (4), Part 1, 449-456
Cooperia punctata, in vitro-grown parasitic stages, evaluation of 28 anthelmintics using presumptive and confirmatory tests, comparison of in vitro potency with established in vivo activity against Cooperia and various other parasites, potential usefulness as preliminary screening method

Thiabendazole + Piperazine[-Carbon disulfide] (= Thiprazole)
Lim, C., 1973, Singapore J. Primary Indust., v. 1 (2), 75-86
alimentary and respiratory tract parasites, pigs (feces), incidence in 3 age groups, intensity of infection, clinical findings, treatment

Thiabendazole
Lodha, K. R.; Raisinghani, P. M.; and Karwasra, R. S., 1977, Indian J. Animal Sc., v. 47 (10), 677-682
helminths, camels, promintic and banminth II effective, nilverm inconsistent in action, thiabendazole ineffective

Mintezol
Loret, P.; and Pascalon, J. P., 1972, Medecine Trop., v. 32 (5), 630-635
Toxocara canis infection in 19-month old child characterized by eosinophilia and hepatosplenomegalia of year's duration, case report, mintezol

Thiabendazole
Luengo, J.; and Barriga, O. O., 1966, Bol. Chileno Parasitol., v. 21 (1), 2-7
Trichinella spiralis in Rattus norvegicus (exper.), high single dose of thiabendazole effective on enteral infection but showed little effect on migrating larvae and no effect on encysted parasites, increased weight gain in treated rats

Mintezole (Mintesol)
Lupi, D.; et al., 1975, Med. Arh., v. 29 (6), 605-608
clinical aspects of small epidemic of human trichinosis in rural village, diagnostic measures, successful treatment with mintezole: Lipovica, Yugoslavia

Thiabendazole
Lyons, E. T.; Drudge, J. H.; and Tolliver, S. C., 1976, Am. J. Vet. Research, v. 37 (6), 701-702
horses, thiabendazole (paste formulation), efficacy determined by critical testing method against large nematodes and Gasterophilus (inactive against latter)

Thiabendazole -- Continued.

Thiabendazole
Lyons, E. T.; Drudge, J. H.; and Tolliver, S. C., 1977, Am. J. Vet. Research, v. 38 (6), 721-723
helminths and bots in horses, thiabendazole and trichlorfon sequentially administered via stomach tube, critical testing, drug efficacies, good results

Thiabendazole
Lyons, E. T.; Drudge, J. H.; and Tolliver, S. C., 1977, Am. J. Vet. Research, v. 38 (6), 889-892
Strongyloides westeri, foals (exper.), prepatent period, efficacy of cambendazole and thiabendazole against 3rd stage larvae in milk of nursing mares during postpartum period, good results with cambendazole

Thiabendazole (Equizole)
McCall, J. P.; and McCullough, C., 1977, Southwest. Vet., v. 30 (2), 159-160
strongylids, Parascaris equorum, horses (feces), thiabendazole, piperazine phosphate, good results; failure to demonstrate acquired drug resistance

Thiabendazole
McCallister, G. L., 1976, Proc. Helminth. Soc. Washington, v. 43 (1), 89-90
Haemonchus contortus, free-living stages, haloxon, thiabendazole; haloxon ineffective against all free-living stages and exsheathed third-stage larvae, thiabendazole had noticeable effect only on unembryonated egg

Thiabendazole
McKay, D. A.; Hiap, C. Y.; and Virik, H. K., 1971, Med. J. Malaya, v. 26 (1), 20-24
treatment trials in children with diarrhea from severe Trichuris trichiura infection or mixed infections with Entamoeba histolytica, comparison of thiabendazole alone or in combination with hexylresorcinol as single retention enema: Kuala Lumpur

Thiabendazole
McLeod, C. C., 1976, N. Zealand J. Exper. Agric., v. 4 (2), 215-218
thiabendazole, tetramisole, pre- and postweaning anthelmintic drenching, live-weight gain, wool weight in Romney ewe lambs with strongyle infections better in treated than in untreated lambs, no significant differences between anthelmintics

Thiabendazole (Thibenzole)
McLeod, C. C.; Wolff, J. E.; and Schwarz, G., 1976, N. Zealand J. Exper. Agric., v. 4 (2), 219-225
thiabendazole and selenium drenching, weaned Merino or halfbred ewe lambs, grazing on pasture or in paddocks with supplementary feeding, live-weight gain, wool weights: south Canterbury

Thiabendazole -- Continued.

Thiabendazole
Maksimovic, A.; and Cvetkovic, L., 1976, Vet. Glasnik, v. 30 (6), 537-541
Oesophagostomum spp., use of piperazine and thiabendazole on sows before farrowing, prevention of infection in piglets by preventing post parturient egg rise in sows

Thiabendazole
Malik, P. D.; and Gupta, R. P., 1975, Haryana Agric. Univ. J. Research, v. 5 (1), 58-65
gastrointestinal nematodes, Dictyocaulus filaria, sheep, drug efficacy: University Farm, Hissar

Thiabendazole (Mintesol)
Mikhov, M.; et al., 1972, Makedon. Med. Pregl., v. 27 (3-4), 271-280
helmitin and nekel effective in human oxyuriasis and ascariasis; mintesol more effective in trichuriasis: Macedonia

Thiabendazole
Muller, R., 1976, Pathophysiol. Parasit. Infect., 133-147
Dracunculus medinensis in rhesus monkeys, pathological processes associated with emergence of female worms, chemotherapy (some drugs had no effect on pre-emergent worms but markedly reduced host tissue reaction thus allowing easier extraction)

Thiabendazole
Nauenberg, W.; Edelman, M. H.; and Spingarn, C. L., 1970, Mount Sinai J. Med., v. 37 (5), 607-611
chronic Strongyloides stercoralis infection in humans, 96% cure rate in trials with thiabendazole: New York

Thiabendazole
Niec, R.; et al., 1976, Gac. Vet., Buenos Aires (315), v. 38, 457-466
gastrointestinal nematodes, sheep, effect of thiabendazole drenches on buildup of host resistance; might be advisable to accept moderate degree of parasitism in sheep up to 9-10 months of age, avoid unnecessary anthelmintic treatment that could prevent normal buildup of resistance

Thiabendazole
Oostburg, B. F. J., 1971, Am. J. Trop. Med. and Hyg., v. 20 (4), 580-583
thiabendazole therapy of Lagochilascaris minor infection in youth causing painful tumor in neck region, case report: Surinam

Thibendazole (Thibenzole)
Pfeiffer, A., 1977, Prakt. Tierarzt, v. 58 (1), 32-38
Hyostrongylus rubidus, Oesophagostomum spp., sows treated for improved weight gain of weanling pigs

Thiabendazole -- Continued.

Thiabendazole
Powles, A. C. P., 1973, N. Zealand Med. J. (490), v. 77, 169-171
Strongyloides stercoralis hyperinfection in previously healthy young man being treated with steroids to suppress brain edema caused by head injury, fatal illness, case report, thiabendazole therapy unsuccessful: New Zealand

Thiabendazole (Mintezol)
Pradatsundarasar, A.; et al., 1973, Southeast Asian J. Trop. Med. and Pub. Health, v. 4 (1), 131-134
Capillaria philippinensis, intestinal capillariasis in 18-month-old child (feces), clinical case report, effective therapy with long-term administration of thiabendazole: Bangpree District of Samut Prakarn Province, Thailand

Thiabendazole
Pradella, G.; et al., 1977, Riv. Zootecn. e Vet. (2), 161-165
thiabendazole, pharmacokinetics in ovine serum, spectrofluorimetric analysis of free thiabendazole, and of free 5-OH-thiabendazole and its metabolites

Thiabendazole (Mintezole)
Radermecker, M.; et al., 1974, Internat. Arch. Allergy and Applied Immunol., v. 47 (2), 285-295
various human helminthic or protozoal infections, serum IgE concentration, IgE level often raised in parasitosis with prominent tissue phases and remains normal with helminths restricted to lumen of digestive tract, IgE level tends to increase significantly and rapidly following specific treatment and then to decrease slowly and return to normal in a few months

Thiabendazole
Ramisz, A.; Urban, E.; and Surma, F., 1976, Med. Wet., v. 32 (5), 291-293
Fasciola hepatica, gastro-intestinal nematodes, sheep, mixture of ranide and thiabendazole more effective than ranide alone

Thiabendazole (Thibenzole)
Reid, J. F. S.; and Armour, J., 1975, J. Comp. Path., v. 85 (1), 163-170
Ostertagia circumcincta, breeding ewes, degree by which immune status varied on a seasonal basis (remained substantially immune to challenge), situation not altered by thiabendazole treatment

Thiabendazole (Equizole)
Rizzoli-Stalder, C.; et al., 1976, Schweiz. Arch. Tierh., v. 118 (8), 341-345
gastrointestinal parasites, horses, two groups maintained on similar pastures, only one group receiving regular anthelmintic treatment, quantitative and qualitative study of egg production from fecal specimens

Thiabendazole -- Continued.

Thiabendazole
Robinson, H. M.; and Samorodin, C. S., 1976, Arch. Dermat., Chicago, v. 112 (12), 1757-1760
Trichuris trichiura, woman, thiabendazole induced toxic epidermal necrolysis syndrome: Baltimore, Maryland

Thiabendazole
Romanowski, R. D.; et al., 1975, J. Parasitol., v. 61 (4), 777-778
Haemonchus contortus, cambendazole-resistant vs. -sensitive strains, effect on fumarate reductase of cambendazole, thiabendazole, and levamisole

Thiabendazole
Saltos, N.; Ghosh, H. K.; and Gan, A., 1975, Med. J. Australia, v. 1 (18), 561-562
case report of eosinophilic meningitis probably resulting from Angiostrongylus cantonensis, condition improved after course of thiabendazole: New South Wales

Thiabendazole
Schenone, H.; Galdames, M.; and Cabello, C., 1975, Bol. Chileno Parasitol., v. 30 (3-4), 89-90
intestinal parasites, young girls, combined therapy with mebendazole and thiabendazole

Thiabendazole (Thibenzole)
Schillhorn van Veen, T.; and Brinckman, W. L., 1975, Samaru Agric. Newsletter, v. 17 (2), 70-74
Haemonchus contortus, Trichostrongylus sp.; Oesophagostomum sp., lambs, regular drenching with thiabendazole at regular intervals during rainy season, better weight gain, cost/benefit; possible influence of resistance and breed of sheep

Thiabendazole (Omnizole)
Schnack, C. L.; Boysen, D. L.; and Henrichsen, K. A., 1977, Vet. Med. and Small Animal Clin., v. 72 (12), 1872-1873
two techniques for administering thiabendazole paste to cattle

Thiabendazole
Scoggin, C. H.; and Call, N. B., 1977, Ann. Inst. Med., v. 87 (4), 456-458
disseminated Strongyloides stercoralis, infection in man who had undergone renal transplant, fatal illness unsuccessfully treated with thiabendazole, clinical case report: North Carolina

Thiabendazole
Scott, P., 1977, N. Zealand Vet. J., v. 25 (12), 373-378
detailed review of some modern equine anthelmintics, efficacy and safety

Omnizole
Sexton, J., 1977, Vet. Med. and Small Animal Clin., v. 72 (12), 1867
gastrointestinal nematodes, buffalo, clinical findings, omnizole, good results: [Iowa]

Thiabendazole -- Continued.

Thiabendazole
Simpkin, K. G.; and Coles, G. C., 1976, Parasitology, v. 73 (2), iv [Abstract]
Nematospiroides dubius, Nippostrongylus brasiliensis, Nematodirus spathiger, modes of action of thiabendazole and mebendazole apparently different from those reported on other species

Thiabendazole
Simpkin, K. G.; and Coles, G. C., 1977, Parasitology, v. 75 (2), xv-xvi [Abstract]
nematodes, screening for benzimidazole resistance by measuring ovicidal activity of drugs

Thiabendazole (Thibenzole Sheep & Goat Wormer)
Slocombe, J. O. D.; and Cote, J. F., 1977, Canad. Vet. J., v. 18 (8), 212-217
small strongyles, horses, cross resistance to cambendazole, thiabendazole, and mebendazole, susceptibility to non-benzimidazole compounds

Thiabendazole + Piperazine (=Equizole A)
Slocombe, J. O. D.; and Cote, J. F., 1977, Canad. Vet. J., v. 18 (8), 212-217
small strongyles, horses, cross resistance to cambendazole, thiabendazole, and mebendazole, susceptibility to non-benzimidazole compounds

Thiabendazole + Trichlorfon
Slocombe, J. O. D.; and Cote, J. F., 1977, Canad. Vet. J., v. 18 (8), 212-217
small strongyles, horses, cross resistance to cambendazole, thiabendazole, and mebendazole, susceptibility to non-benzimidazole compounds

Thiabendazole
Smith, H. J., 1976, Canad. J. Comp. Med., v. 40(4), 327-333
strongyles, Oxyuris equi, Parascaris equorum, naturally-infected ponies, thiabendazole, results support regular repeated treatment

Thiabendazole
Smith, H. J., 1976, Canad. J. Comp. Med., v. 40 (4), 334-340
strongyles, reinfection of thiabendazole treated ponies, development of patent infections, cyclic pattern of worm egg outputs

Thiabendazole
Smith, J. D.; Goette, D. K.; and Odom, R. B., 1976, Arch. Dermat., Chicago, v. 112 (8), 1161-1163
human systemic infection with Strongyloides stercoralis presenting as skin lesions of larva currens, clinical case report and management, discussion of autoinfection, thiabendazole therapy: California (lived earlier in southeastern United States)

Thiabendazole -- Continued.

Mintezole
Sohi, B. K., 1975, Pediat. Clin. India, v. 10 (3), 230
mixed strongyloidiasis and ancylostomiasis in young child, presenting symptom of acute abdomen, cure with mintezole: Pathankot, India

Thiabendazole
Stammers, B. M., 1975, Ztschr. Parasitenk., v. 47 (2), 145-150
Fasciola hepatica, disruption of spermatogenesis, known fasciolicides and other anthelmintics tested

Thiabendazole (Mintezole)
Stuart, J. E.; and Welch, J. S., 1973, Med. J. Australia, v. 2 (22), 1017-1019
treatment trials with Aboriginal children infected with Trichuris trichiura using thiabendazole in combination with viprynium, no significant difference between treated and nontreated groups: Queensland, Australia

Thiabendazole
Szabo, K. T.; Miller, C. R.; and Scott, G. C., 1974, Cornell Vet., v. 64, Suppl. 4, 41-55
sheep treated with parbendazole during pregnancy gave birth to significantly greater number of grossly abnormal lambs than controls or thiabendazole-treated sheep: United States

Thiabendazole
Taffs, L. F., 1975, J. Helminth., v. 49 (3), 173-177
continuous feed medication with thiabendazole for removal of Hymenolepis nana, Syphacia obvelata, and Aspiculuris tetraptera in naturally infected laboratory mice, unexplained deaths among inbred strain C3H/Hef Nimr mice

Thiabendazole
Taffs, L. F., 1976, Vet. Rec., v. 99 (8), 143-144
Hymenolepis nana, Syphacia obvelata, Aspiculuris tetraptera, mice, efficacy of thiabendazole given in diet

Thiabendazole
Takats, C., 1972, Parasitol. Hungar., v. 5, 203-216
human helminths, 171 compounds tested on laboratory animals for possible anthelmintic action, techniques of screening procedures described

Thiabendazole + Piperazine adipate (=Suiverm)
Tarczynski, S.; Romaniuk, K.; and Szelagiewicz-Czosnek, M., 1972, Med. Wet., v. 28 (4), 217-218
intestinal nematodes, swine, Suiverm

Thiabendazole -- Continued.

Thiabendazole
Tharaldsen, J., 1976, Acta Vet. Scand., v. 17, Suppl. 61, 1-21
trichostrongylid infections, calves, survival of larvae on pasture, occurrence of larvae not influenced by artificial irrigation; treatment with thiabendazole did not effectively control infection due to overwintering larvae, neither improved weight gain nor reduced egg production: Norway

Thiabendazole
Thomas, J.; et al., 1969, Marseille Med., v. 106 (9), 717-721
larva migrans, human infection, successful treatment with thiabendazole: France (had returned from Africa)

Thiabendazole
Thomas, J.; et al., 1969, Marseille Med., v. 106 (12), 1033-1040
strongyloidiasis, human, thiabendazole, good results: France

Thiabendazole
Thomas, J.; et al., 1971, Medecine Trop., v. 31 (2), 177-181
bephenium hydroxynaphthoate, piperazine and thiabendazole in comparative clinical tests, institutionalized children with protein deficiency and intestinal parasites

Suiverm
Trifonov, T.; and Velkov, D., 1975, Vet. Sbirka, v. 73 (11), 16-17
ascariasis, trichuriasis, oesophagostomiasis, pigs, dehelminthization with suiverm or hygromix in feed, economically effective

Thiabendazole
Vakil, B. J.; and Dalal, N. J., 1975, Progr. Drug Research, v. 19, 166-175
comparative efficacy of newer anthelmintics in treating various human intestinal helminths, review

Thiabendazole
Vanhaelen-Lindhout, E.; and Smit, A. M., 1971, Trop. and Geogr. Med., v. 23 (4), 381-384
abnormal Trichuris trichiura eggs in feces of children during and immediately after drug therapy with thiabendazole: Netherlands (previous residents of Surinam)

Thiabendazole
Van Landschoot, R. C.; Van Hest, J. A. M.; and Reedijk, J., 1976, J. Inorg. and Nucl. Chem., v. 38 (1), 185-190
ligand properties, preparation of metal coordination compounds, failure to increase water solubility

Thiabendazole
Varshney, T. R.; and Singh, Y. P., 1976, Indian Vet. J., v. 53 (9), 672-676
Haemonchus contortus, trichostrongyles, Trichuris, lambs, critical trial, efficacy and economic value, various anthelmintics: Central Sheep and Wool Research Station, Pashulok Rishikesh (Dehradun)

Thiabendazole -- Continued.

Thiabendazole
Varshney, T. R.; and Singh, Y. P., 1977, Indian J. Animal Sc., v. 46 (12), 666-668
Haemonchus contortus, sheep, resistance to phenothiazine and thiabendazole, critical and controlled conditions: Pashulok (Dehra Dun)

Thibenzole
Vashishta, M. S.; and Singh, R. P., 1977, Livestock Advis., v. 2 (7), 35-38
Haemonchus epidemic in sheep and goats, banminth-II, fenbendazole, helmatac, thibenzole, good results; development of geophagia in survivals or treated groups: Haryana

Thiabendazole
Viens, P.; and Beal, C. B., 1973, Medecine Afrique Noire, v. 20 (12), 1009-1011
Strongyloides stercoralis, human diagnosis and evaluation of thiabendazole treatment using duodenal intubation

Thiabendazole (Mintezol)
Vilimszky, Z.; and Szigetine Toth, N., 1971, Parasitol. Hungar., v. 4, 97-101
Trichostrongylus colubriformis, increased incidence in human infections revealed large endemic focus, people living in close contact with ruminants, successfully treated with thiabendazole: Borsod-Abauj-Zemplen county, Hungary

Thiabendazole
Villalobos, D.; and Neuman, V., 1975, Bol. Chileno Parasitol., v. 30 (1-2), 2-5
scabies, human, thiabendazole topical ointment, occasional mild secondary dermatitis: Chile

Mintezole (Thiabendazole)
Virgala, J.; Spaldonova, R.; and Vzentkova, O., 1973, Ceskoslov. Pediat., v. 28 (6), 325-326
Enterobius vermicularis in humans, clinical trials with mintezole, good results with some side effects: Czechoslovakia

Thiabendazole
Visvesvara, G. S.; Healy, G. R.; and Jones, D. B., 1976, J. Protozool., v. 23 (2), 18A [Abstract]
Acanthamoeba spp., in vitro activity of several chemotherapeutic agents

Thiabendazole
Vlassoff, A., 1976, N. Zealand J. Exper. Agric., v. 4 (3), 281-284
trichostrongyle larvae on pasture, seasonal incidence, residual pasture infestation more important than ewes as source of infection for lambs in spring, autumn infections acquired from eggs passed by lambs themselves: New Zealand

Thiabendazole -- Continued.

Thiabendazole (Thibenzole)
Waldhalm, D. G.; and Hall, R. F., 1977, J. Am. Vet. Med. Ass., v. 171 (5), 429-430
haloxon, thiabendazole, levamisole, feedlot cattle, light nematode infections, no significant difference in weight gains in treated or untreated groups, 113-day feeding period

Thiabendazole
Walker, A. C.; and Bellmaine, S. P., 1975, Med. J. Australia, v. 1 (24), 751-752
severe digestive tract hemorrhage in Aboriginal infants apparently associated with massive infestation of Ancylostoma duodenale with cessation of bleeding after administration of anthelmintic: Northern Territory, Australia

Thibenzole
Whitlock, J. H.; and Georgi, J. R., 1976, Parasitology, v. 72 (3), 207-224
biological controls in mixed trichostrongylid infections (predominantly Haemonchus contortus cayugensis) in sheep, different ecosystems (barn vs. pasture) and different treatment groups, course of infections (erythrocyte loss, fecal egg counts, hematocrit values), "Anaphylactoid 'self-cure' did not occur in this experiment but something like premunition certainly did."

Thiabendazole
Wikerhauser, T.; et al., 1974, Acta Parasitol. Iugoslavica, v. 5 (2), 79-81
trichostrongylids, cattle, fenbendazole compared with thiabendazole, good results from both

Thiabendazole
Williams, J. C.; and Knox, J. W., 1976, Am. J. Vet. Research, v. 37 (4), 453-464
failure of stocker cattle to achieve projected weight gains at high stocking rates on Coastal bermudagrass pastures even with supplemental feeding and anthelmintic control of parasitism

Thiabendazole
Wiseman, R. A.; Woodruff, A. W.; and Pettitt, L. E., 1971, Tr. Roy. Soc. Trop. Med. and Hyg., v. 65 (5), 591-598
Toxocara canis, effects of diethylcarbamazine and thiabendazole on survival of larvae in mice (exper.); humans treated with diethylcarbamazine showed decreases in antibody levels soon after therapy started

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Thiabenzole. See Thiabendazole.

Thiacetarsamide. See Arsenamide.

Thiacetarsamide sodium. See Arsenamide.

Thiacyanines
Gavaghan, A. D.; and Nunn, A. J., 1972, Pharm. Acta Helvetiae, v. 47 (11-12), 719-726
Nippostrongylus brasiliensis, Strongyloides ratti, Nematospiroides dubius, synthesis of thiacyanine and hemithiacyanine derivatives of benzothiazole, significant anthelmintic activity in laboratory trials with mice

4-Thiazolecarboxaldehyde hydrazones, 2 substituted
Neville, M. C.; and Verge, J. P., 1977, J. Med. Chem., v. 20 (7), 946-949
Trypanosoma cruzi in mice (exper.), laboratory testing of 2-substituted 4-thiazolecarboxaldehyde hydrazones for trypanocidal activity, most active compound compared favorably with action of nifurtimox

2-(2'-Thiazolyl)alkanebenzimidazoles
Bukowski, L., 1975, Acta Polon. Pharm., v. 32 (6), 651-656
synthesis, potential anthelmintics

2-(4'-Thiazolyl)benzimidazole. See Thiabendazole.

S-2-[[2-(2-Thiazolylcarbamoyl) ethyl]amino] ethyl hydrogen thiosulfate
Voigtman, R. E.; and Thompson, P. E., 1977, J. Parasitol., v. 63 (6), 1053-1059
Schistosoma mansoni, antischistosomal activity of structurally unique S-2-[[2-(2-thiazolylcarbamoyl) ethyl]amino]ethyl hydrogen thiosulfate in vitro and in vivo (mice, rhesus monkeys)

2-(4-Thiazolyl)-5-isopropoxycarbonylaminobenzimidazole. See Cambendazole.

Thibenzole. See Thiabendazole.

Thibenzole Cattle Wormer Powder. See Thiabendazole.

Thibenzole Pig Wormer Paste. See Thiabendazole.

Thibenzole R. See Thiabendazole.

Thibenzole Sheep & Goat Wormer. See Thiabendazole.

Thibenzoline. See Thiabendazole.

Thimerosal
Motomura, I., 1967, Nettai Igaku (Trop. Med.), v. 9 (4), 226-243
Toxoplasma gondii, cysts and proliferative forms, in vitro survival in different concentrations of disinfectants or on incubation with digestive enzymes or bovine bile

Thiobendazol. See Thiabendazole.

2,2' Thiobis (4,6-dichlorophenol). See Bithionol.

Thiodiphenylamine. See Phenothiazine.

0,0'-(Thiodi-4,1-phenylene) 0,0,0',0'-tetramethyl bis-(phosphorothioate). See Temephos.

Thiofuradene -- Furidin; 1-(6-Nitrofurfurylideneamino)-2-imidazolidine.

Furidine
Kovalenko, I. I.; and Sakachina, V. I., 1976, Veterinariia, Kiev (43), 86-88
ascariasis and heterakiasis, chickens, mixed infection; furidine, furidine + phenothiazine, and piperazine + phenothiazine, good results; phenothiazine or furidine alone, poor results

Furidine + Phenothiazine
Kovalenko, I. I.; and Sakachina, V. I., 1976, Veterinariia, Kiev (43), 86-88
ascariasis and heterakiasis, chickens, mixed infection; furidine, furidine + phenothiazine, and piperazine + phenothiazine, good results; phenothiazine or furidine alone, poor results

Furidin
Nemeseri, L., 1972, Parasitol. Hungar., v. 5, 217-224
coccidiosis and ascaridiasis in domestic animals and poultry, furidin and rodanin assayed for possible prophylactic use in conditions of large scale animal husbandry

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6-Thioguanine
Irvin, A. D.; and Young, E. R., 1977, Nature, London (5627), v. 269, 407-409
Babesia spp., in vitro test for screening drug activity which exploits finding that Babesia parasites readily incorporate hypoxanthine in an in vitro culture system, may also be used to detect drug resistance patterns and have possible application in primary screening of antimalarial drugs

Thiophanate -- Diethyl 4,4'-o-phenylene bis (3-thioallophanate); Nemafax; Nemafax P wormer pellets (with Piperazine phosphate); Nemafax sow wormer pellets.

Thiophanate (Nemafax)
Baines, D. M.; and Colegrave, A. J., 1977, Vet. Rec., v. 100 (11), 217-219
gastrointestinal helminths, sheep, thiophanate, productivity and tolerance trials, compared with thiabendazole and tetramisole: England and Wales

Thiophanate (Nemafax sow wormer pellets)
Baines, D. M.; Dalton, S. E.; and Eichler, D. A., 1976, Vet. Rec., v. 99 (7), 119-122
swine nematodes, field and exper. studies, thiophanate alone or with piperazine, compared with thiabendazole alone or with picadex

Thiophanate -- Continued.

Thiophanate + Piperazine phosphate (= Nemafax P wormer pellets)
Baines, D. M.; Dalton, S. E.; and Eichler, D. A., 1976, Vet. Rec., v. 99 (7), 119-122
swine nematodes, field and exper. studies, thiophanate alone or with piperazine, compared with thiabendazole alone or with picadex

Thiophanate
Coles, G. C.; and McNeillie, R. M., 1977, J. Helminthol., v. 51 (4), 323-326
dietary feeding of drugs for 5 days to mice infected with Nematospiroides dubius and Hymenolepis nana, detected all modern anthelmintics examined except stilbazium; simple test using N. spathiger eggs and Nippostrongylus brasiliensis adults to detect anthelmintics in vitro

Thiophanate
Dalton, S. E., 1977, Parasitology, v. 75 (2), xvi [Abstract]
Haemonchus contortus, Nematodirus spathiger, effect of thiophanate on egg output, hatchability, and worm burden, sheep

Thiophanate (Nemafax)
Eichler, D. A., 1973, Brit. Vet. J., v. 129 (6), 533-543
nematodes, sheep (nat. and exper.), calves (exper.), thiophanate, drug efficacy, useful as a broad spectrum anthelmintic

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Thiosinamine
Bout, D.; et al., 1977, J. Immunol. Methods, v. 15 (1), 1-8
S[chistosoma] mansoni, schistosomicide drugs used as ligands to isolate target antigens by affinity chromatography, to characterize their enzyme functions and localization on the parasite, and to define their immunogenic capacity

Thiprazole. See Carbon disulfide or Piperazine or Thiabendazole.

Thiprazole sow wormer. See Thiabendazole.

Thiprazole weaner wormer. See Carbon disulfide or Piperazine or Thiabendazole.

Thiram -- Tetramethyl thiuram disulphide.

Tetramethyl thiuram disulphide
Linstead, D. J.; Klein, R. A.; and Cross, G. A. M., 1977, J. Gen. Microbiol., v. 101 (2), 243-251
Trypanosoma brucei, T. brucei brucei, threonine catabolism, inhibition of threonine dehydrogenase by wide range of agents

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Thorovurm Plus. See Haloxon.

Thujan-(3-spiro-5)-hydantoin
Heischkeil, R., 1973, Ztschr. Tropenmed. u. Parasitol., v. 24 (4), 505-516
Plasmodium vinckei, chemotherapeutic activity of selected antagonists of folic acid metabolism with special reference to structure-activity relationships, comparison with some standard antimalarials; some compounds also exert noxious effect on host

Thymol, Iodinized oil
Kammerer, W. S.; and Perez-Esandi, M. V., 1975, Am. J. Trop. Med. and Hyg., v. 24 (1), 90-95
chemotherapeutic trials using 8 different drugs unsuccessful in treating exper. Echinococcus granulosus infections in mice and jirds

Thymol fumarate, Ethyl-N-dimethyl ether
Kammerer, W. S.; and Perez-Esandi, M. V., 1975, Am. J. Trop. Med. and Hyg., v. 24 (1), 90-95
chemotherapeutic trials using 8 different drugs unsuccessful in treating exper. Echinococcus granulosus infections in mice and jirds

Thymol palmitate
Samaras, E.; and Tzemailas, N., 1974, Paediatriki, v. 37, 542-547
echinococcosis, multiple cysts in young boy successfully treated with thymol palmitate

Tiabendazolum. See Thiabendazole.

Tiberal. See Ornidazole.

Ticarbodine
Hass, D. K.; and Collins, J. A., 1976, Proc. Helminth. Soc. Washington, v. 43 (2), 135-137
helminths, dogs, comparative efficacy of vincofos, ticarbodine, mebendazole

Tiguvon. See Fenthion.

Tiguvon Pour-on or Spot-on. See Fenthion.

Tin -- Cestodin; Stanoten; Tin maleate.

Cestodin
Glisic, Lj.; Sretenovic, M.; and Simic, P., 1972, Acta Parasitol. Iugoslavica, v. 3 (1), 27-30
Taenia saginata, T. solium, results of treatment 1956-1970, new oral anthelmintics (especially yomesan) preferred to earlier methods, yomesan also efficient against Hymenolepis nana if continued for up to 10 days, humans

Tin -- Continued.

Stanoten
Glisic, Lj.; Sretenovic, M.; and Simic, P., 1972, Acta Parasitol. Iugoslavica, v. 3 (1), 27-30
Taenia saginata, T. solium, results of treatment 1956-1970, new oral anthelmintics (especially yomesan) preferred to earlier methods, yomesan also efficient against Hymenolepis nana if continued for up to 10 days, humans

Tin maleate
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

Cestodin
Straka, S.; et al., 1977, Ceskoslov. Epidemiol., Mikrobiol., Imunol., v. 26 (1), 52-60
tapeworms, human, epidemiological analysis, geographical distribution, sex, age, social structure, occupation and clinical symptoms; transmission by raw meat, efficacy of anthelmintics: Slovak Socialist Republic

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Tindurin. See Pyrimethamine.

Tin maleate. See Tin.

Tinidazole -- CP-12574; Ethyl(2-(2-methyl-5-nitro-1-imidazolyl)ethyl)sulfone; 1-(2-Ethylsulfonyl)ethyl-2-methyl-5-nitroimidazole; Fasigyn; Fasigyn V; Mebeciclol (with Mebendazole and Niclosamide); Simplotan.

Tinidazole (Fasigyn)
Ambroise-Thomas, P.; and Meyer, H. A., 1975, Acta Trop., v. 32 (4), 359-364
Entamoeba histolytica, hepatic amoebiasis, human, diagnosis, agglutination and indirect fluorescent antibody tests, clinical trials with Tinidazole (Fasigyn), well tolerated with encouraging results but some cases required supplementary treatment with metronidazole: region of Kilimanjaro, northeast Tanzania

Tinidazole + Mebendazole + Niclosamide (= Mebeciclol)
Biagi, F.; Smyth, J.; and Gonzalez, C., 1975, Prensa Med. Mexicana, v. 40 (5-6), 189-192
human intestinal parasites, clinical trials with mebeciclol show it to be useful drug against many parasites and therefore recommended for mass therapy in low socioeconomic areas where multiple parasitism is likely to be present: Mexico

Tinidazole
Carosi, G., 1977, Exper. Parasitol., v. 43 (2), 315-325
Trichomonas vaginalis, in vitro action of tinidazole, ultrastructural changes

Tinidazole -- Continued.

Tinidazole (Fasigyn)
Celaya Barrera, R., 1976, Medicina, Mexico (1214), an. 57, v. 56, 336-338
human vaginal trichomoniasis, clinical trials comparing efficacy of tinidazole and nitrimidazine: Mexico

Tinidazole (Simplotan)
Djahangiri, M. H., 1976, Munchen. Med. Wchnschr., v. 118 (2), 47-48
human vaginal trichomoniasis, single-dose treatment with tinidazole

Fasigyne
Franceschini, P., 1975, Medecine Interne, v. 10 (8-9), 436-437
Trichomonas vaginalis in the human male reproductive organs, value of fasigyne treatment

Fasigyn (CP-12574)
Helmy, N. I., 1974, Brit. J. Clin. Pract., v. 28 (12), 411-412
human vaginal Trichomonas vaginalis, clinical trials with fasigyn, comparison with metronidazole

Fasigyn
Jenny, J., 1977, Praxis, Bern, v. 66 (8), 247-250
human vaginal trichomoniasis, clinical aspects, diagnosis using microscopic examination of fresh vaginal smears, treatment with fasigyn given orally

Tinidazole (Simplotan)
Kunstyr, I.; Ammerpohl, E.; and Meyer, B., 1977, Lab. Animal Sc., v. 27 (5), part II, 782-788
Spironucleus muris, nude mouse (exper.) an excellent model for immunologic and pharmacologic studies; dimetridazole, metronidazole, tinidazole, and Acranil tested

Tinidazole
Levi, G. C.; de Avila, C. A.; and Amato Neto, V., 1977, Am. J. Trop. Med. and Hyg., v. 26 (3), 564-565
human giardiasis, comparative clinical trials using furazolidone, nimorazole, metronidazole, and tinidazole in standard doses: Sao Paulo, Brazil

Tinidazole
Massa, M.; et al., 1976, Bol. Chileno Parasitol., v. 31 (1-2), 46-47
Trichomonas vaginalis in men, therapeutic evaluation of tinidazole given as a single oral dose: Chile

Tinidazole
Meingassner, J. G., 1977, Experientia, v. 33 (9), 1160-1161
Trichomonas vaginalis, mice infected s.c. vs. intravaginally, comparative studies on trichomonacidal activity of metronidazole, tinidazole, nimorazole, and ornidazole, marked decrease of activity when analyzed in s.c. infected mice

Tinidazole -- Continued.

Tinidazole
Meingassner, J. G.; Georgopoulos, A.; and Patoschka, M., 1975, Tropenmed. und Parasitol., v. 26 (4), 395-398
Trichomonas vaginalis, mixed Candida albicans intravaginal infection in rats (exper.) established more reliable infection conditions for testing performance of chemotherapeutic drugs than T. vaginalis in axenic culture, metronidazole, tinidazole, nifuratel tested

Tinidazole
Meingassner, J. G.; and Mieth, H., 1976, Experientia, v. 32 (2), 183-184
Tritrichomas foetus, induction of metronidazole resistance, marked cross-resistance to other 5-nitroimidazole-derivatives in vitro and in vivo

Tinidazole
Meingassner, J. G.; and Mieth, H., 1977, Arzneimittel-Forsch., v. 27 (3), 638-639
Trichomonas vaginalis, rats, metronidazole, tinidazole, nitrimidazine and ornidazole showed systemic trichomonacidal activity within rather narrow dosage range after three oral doses and after a single dose

Tinidazole (Fasigyn)
Nava, C.; Metlich, M. A.; and Marti, M., 1973, Medicina, Mexico (1160), an. 54, v. 53, 351-353
successful treatment of 22 persons with amoebic colitis using tinidazole, few side effects: Mexico

Tinidazole
Nino de Rivera, J.; Gil, C.; and Roman, R., 1976, Bol. Chileno Parasitol., v. 31 (3-4), 88-89
Entamoeba histolytica, intestinal amoebiasis in children treated with tinidazole, cure in 70%, mild side effects

Tinidazole (Fasigyn)
Ripa, T.; et al., 1977, Chemotherapy, v. 23 (4), 227-235
Trichomonas vaginalis, human urogenital infections, concentrations of therapeutic doses of tinidazole in body fluids and tissues

Tinidazole + Nystatin
Rustrian Azamar, A., 1977, Medicina, Mexico, an. 57 (1218), v. 57, 70-72
Trichomonas vaginalis as mixed vaginal infection with Candida albicans, good results in clinical trials using combined tinidazole-nystatin vaginal therapy: Mexico

Tinidazole (Fasigyn)
Salih, S. Y.; and Abdalla, R. E., 1977, J. Trop. Med. and Hyg., v. 80 (1), 11-13
symptomatic giardiasis in Sudanese adults, clinical trials using varying doses of tinidazole: Khartoum

Tinidazole -- Continued.

Tinidazole
Schenone, H.; et al., 1975, Bol. Chileno Parasitol., v. 30 (3-4), 76-79
Entamoeba histolytica, Giardia lamblia, children, tinidazole drug of choice for individual or mass therapy: Chile

Tinidazole
Scragg, J. N.; and Proctor, E. M., 1977, Am. J. Trop. Med. and Hyg., v. 26 (4), 824-825
Entamoeba histolytica, amoebic dysentery in children successfully treated with tinidazole in weight related dosages, recommended as safe and simple form of therapy: South Africa

Tinidazole
Scragg, J. N.; and Proctor, E. M., 1977, Arch. Dis. Childhood, v. 52 (5), 408-410
Entamoeba histolytica in children, tinidazole highly effective in treatment of hepatic abscess, clinical trials: South Africa

Tinidazole
Segovia, E.; et al., 1974, Prensa Med. Mexicana, v. 39 (11-12), 449-452
E[ntamoeba] histolytica, human amoebic hepatic abscess alone and associated with rectocolonic infections, therapy with tinidazole and RP 14539 showed good results

Tinidazole (Fasigyn)
Soyka, E., 1977, Praxis, Bern, v. 66 (34), 1074-1079
Trichomonas vaginalis, survey of infections in children 2-15 years of age, clinical management with tinidazole

Tinidazole
Spillmann, R.; Ayala, S. C.; and de Sanchez, C. E., 1976, Am. J. Trop. Med. and Hyg., v. 25 (4), 549-551
double-blind test of metronidazole and tinidazole in the treatment of asymptomatic Entamoeba histolytica and E. hartmanni carriers; both drugs considered ineffective

Tinidazole (Fasigyn)
Svindland, H. B., 1975, Tidsskr. Norske Laegefor., v. 95 (25), 1410-1411
human Trichomonas vaginalis, single dose oral therapy with tinidazole successful for vaginal infections: Norway

Tinidazole (Fasigyn)
Vega-Franco, L.; et al., 1976, Bol. Med. Hosp. Inf., v. 33 (2), 293-299
Giardia lamblia, d-xylose absorption and growth patterns in infected children before and after tinidazole, comparison with normal controls: Mexico

Tinidazole -- Continued.

Tinidazole
Winkelmann, E.; et al., 1977, Arzneimittel-Forsch., v. 27 (12), 2251-2263
Entamoeba histolytica, Trichomonas foetus, Trypanosoma spp., in golden hamsters and mice (both exper.), laboratory trials with more than 135 new 2-methyl-5-nitroimidazoles substituted in the 1-position and 1-methyl-5-nitroimidazoles substituted in the 2-position, comparison of activity with that of metronidazole and tinidazole

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Tixol. See Benzene hexachloride, Gamma or Chlorfenvinphos.

Tobacco dust
Fijan, N.; et al., 1976, Vet. Arhiv, Zagreb, v. 46 (9-10), 245-252
Bothriocephalus gowkongensis, carp, efficacy of yomesan, scolaban, depifen, and tobacco dust: SR Croatia

Tobacco ointment
Dutta, P. K.; and Hazarika, R. N., 1976, Indian Vet. J., v. 53 (3), 221-224
Stephanofilaria assamensis, cattle, chemotherapeutic trials, comparative efficacy of various drugs: Khanapara

Toluene and Dichlorophen (=Vermiplex)
Cockrell, B. Y.; Hall, B. V.; and Simon, J., 1972, Am. J. Vet. Research, v. 33 (4), 687-698
dichlorvos and toluene-dichlorophen, induce changes in ultrastructure of beagle liver parenchymal cells, may reduce efficacy of drugs administered later

β-Toluenesulfonyl-β-methoxy-ethyl urethane sodium -- Codrinal (with Tetracycline).

Codrinal
Isenbuegel, E., 1976, Prakt. Tierarzt, v. 57, Sondernummer, 21-27
coccidiosis, hedgehogs

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p-Toluoyl chloride phenylhydrazone
Folz, S. D.; Rector, D. L.; and Geng, S., 1976, J. Parasitol., v. 62 (2), 281-285
gastrointestinal nematodes and cestodes, lambs, p-toluoyl chloride phenylhydrazone, efficacy at dose levels of 20, 30, 40, and 50 mg/kg moderate to high

o-Tolylglyoxylonitrile, oxime, O-(O,O-diethyl phosphorothioate) (BAY 88941)
Drummond, R. O.; et al., 1976, J. Econom. Entom., v. 69 (1), 37-40
Boophilus annulatus, B. microplus, acaricides, laboratory tests, spray and dip tests with cattle

Toxaphene
Baker, J. A. F.; Thompson, G. E.; and Miles, J. O., 1977, J. South African Vet. Ass., v. 48 (1), 59-65
Amblyomma hebraeum, resistance to toxaphene, in vitro and in vivo trials: Republic of South Africa; Swaziland; Transkei

Toxaphene
Drummond, R. O.; et al., 1976, J. Econom. Entom., v. 69 (1), 37-40
Boophilus annulatus, B. microplus, acaricides, laboratory tests, spray and dip tests with cattle

Toxaphene + Gamma benzene hexachloride
Jeffery, W. H.; et al., 1976, J. Am. Med. Ass., v. 236 (25), 2881-2882
farmer experienced loss of warfarin anticoagulant effects after dusting sheep with mixture of toxaphene and gamma benzene hexachloride

Toxaphene (Coopertox)
Nayar, M. A.; and Isa, J. F. W., 1973, Bull. Epizoot. Dis. Africa, v. 21 (2), 153-157
Amblyomma variegatum larvae, poor results, Toxaphene (Coopertox) more effective than Toxaphene (Pfizertox)

Toxaphene (Pfizertox)
Nayar, M. A.; and Isa, J. F. W., 1973, Bull. Epizoot. Dis. Africa, v. 21 (2), 153-157
Rhipicephalus evertsi and Amblyomma variegatum larvae, poor results, Toxaphene (Coopertox more effective than Toxaphene (Pfizertox)

Tramisol. See Tetramisole.

Tredemine. See Niclosamide.

Tremerad. See Clioxanide.

Tremorine
Bigg, D. C. H.; and Purvis, S. R., 1976, Nature, London (5565), v. 262, 220-222
8 muscarinic agonists (compared with nicotine and pyrimithate), activity against Boophilus microplus, possible new class of acaricide

Tresaderm. See Dexamethasone or Neomycin or Thiabendazole.

4'2"4"' Triacetyl megalomicin A
Panitz, E., 1974, Proc. Helminth. Soc. Washington, v. 41 (1), 111-112
Eimeria tenella, chicks, megalomicin complex, anticoccidial activity, effect of structural changes of components

Triamcinolone -- Triamcinolone diacetate.

Triamcinolone diacetate
Hernandez-Perez, E., 1976, Arch. Dermat., Chicago, v. 112 (10), 1400-1401
successful topical application of thiabendazole solution in 80% of scabies-infected patients; patients with persistent scabious nodules further treated with triamcinolone diacetate intralesionally: San Salvador

Triamcinolone acetonide -- Kenacort-A.

Kenacort-A (Triamcinolone acetonide)
Miyata, A., 1976, Nettai Igaku (Trop. Med.), v. 18 (3), 113-124
Toxoplasma gondii, RH and Beverley strains, attempts to change virulence using antitoxoplasma drugs and steroids, variations in mouse (exper.) survival time

Triamcinolone diacetate. See Triamcinolone.

2,4,7-Triamino-6-o-tolyl-pteridine -- WR 3,090.

WR 3,090
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

WR 3,090
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

WR 3090
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

Triamteren (Jatropur)
Heischkeil, R., 1973, Ztschr. Tropenmed. u. Parasitol., v. 24 (4), 505-516
Plasmodium vinckei, chemotherapeutic activity of selected antagonists of folic acid metabolism with special reference to structure-activity relationships, comparison with some standard antimalarials; some compounds also exert noxious effect on host

1,2,4-Triazines, substituted
March, L. C.; et al., 1976, J. Med. Chem., v. 19 (6), 845-848
successful laboratory trials and synthesis of several 1,2,4-triazines against Plasmodium berghei-infected mice and Plasmodium gallinaceum-infected chicks

Tribrissen. See Sulfadiazine or Trimethoprim.

Tribromsalan. See Bromsalans.

Tricandil. See Mepartricin.

Trichlorfon -- Anthon; Bilarcil; Chlorofos; Chlorophos; Combot; 0,0-Dimethyl (1-hydroxy-2,2,2-trichloro) ethanephosphonate; 0,0-Dimethyl-1-hydroxy 2,2,2-trichloroethylphosphonate; 0,0-Dimethyl-2,2,2-trichloroethylphosphonate; 0,0-Dimethyl-2,2,2-trichloro-0-1-hydroxyethylphosphate; Dimethyl (2,2,2-trichloro-1-hydroxyethyl) phosphonate; Dipterex; Ditrifon; Dylox; Dylox inject; Dyrex T. F. (with Phenothiazine and Piperazine); Dyvon-in-oil; Foschlor; Gipodermin-chlorofos; Hypocid; Hypodermin-chlorophos; Masoten; Metrifonate; Metriphonate; Neguvon; Neohypodermin; P-247; Soldep; Trichlorfos; 2,2,2-Trichloro-1-hydroxy-ethyl-phosphonic acid dimethyl ester; Trichlorophon; Trichlorphon; Trichlorofone.

Trichlorfon (Neguvon)
Abdel-Rahman, M. S.; et al., 1972, Parasitol. Hungar., v. 5, 225-237
Strongylus spp., Trichonema spp., Parascaris equorum, Trichostrongylus axei in horses, field trials testing efficacy of various anthelmintics; phenothiazine, banminth and thiabendazole most effective: Egypt

Neguvon
Antychowicz, J., 1977, Bull. Vet. Inst. Pulawy, v. 21 (1-2), 35-43
Ichthyophthirius multifiliis, influence of copper sulphate, malachite green, methylene blue, trypan blue and Neguvon on development

Trichlorfon (Dylox, Neguvon)
Beat, V. B.; and Morgan, D. P., 1977, J. Am. Vet. Med. Ass., v. 170 (8), 812-814
evaluation of hazards to veterinarians using pour-on organophosphate insecticides, symptoms and clinical values monitored; no great risk, but safe-handling procedures required

Trichlorfon + Piperazine + Phenothiazine
Bello, T. R.; Gaunt, S. D.; and Torbert, B. J., 1977, J. Equine Med. and Surg., v. 1 (4), 126-130
Gasterophilus intestinalis, G. nasalis, horses, artificial hatching of bot eggs with warm water as environmental prophylaxis, critical evaluation, seasonal patterns of oviposition; trichlorfon + piperazine + phenothiazine, good results

Trichlorfon -- Continued.

Trichlorfon (Dipterex, Dylox, Neguvon)
Bowman, M. C.; et al., 1973, J. Med. Entom., v. 10 (4), 405-410
Xenopsylla cheopis, control, trichlorfon and dichlorvos in rodent bait, feces from rodents fed treated baits, and vapors from both

Neguvon
Brandal, P. O.; and Egidius, E., 1977, Aquaculture, v. 10 (2), 177-178
Lepeophtheirus salmonis, Atlantic salmon, neguvon orally with feed, effective dose traced in muscles

Neguvon
Brglez, J.; et al., 1975, Zborn. Bioteh. Fak. Univ. Ljubljani, v. 12 (1), 143-155
Demodex canis, dogs, complete cure with dermovete; transient cure with neguvon, task and thiabendazole

Metrifonate
Brown, M. C.; et al., 1973, Ann. Trop. Med. and Parasitol., v. 67 (3), 369-370
schistosomes, in vitro activity monitor, useful in vitro test for drugs affecting motor activity of schistosomes and other small worms, example with Schistosoma mansoni and metrifonate

Trichlorphon
Chu-Vela, J.; and Guerrero, C. A., 1973, Rev. Invest. Pecuarias, v. 2 (1), 23-28
Sarcoptes scabiei var. aucheniae, alpacas, Trichlorphon, Benzene hexachloride, various administration methods

Metrifonate
Coles, G. C., 1975, J. Helminth., v. 49 (3), 205-209
Schistosoma mansoni schistosomula, 3-week-old, and adult worms, activity of 6 clinical and 6 experimental schistosomicides in vitro, concluded that meaningful screening for potential schistosomicides cannot at present be carried out in vitro

Neguvon
Crossley, J.; Gorman, T.; and Alcaino, H., 1970, Bol. Chileno Parasitol., v. 25 (3-4), 126-129
Demodex bovis, Chilean Hereford bull (vacuno), clinical management and treatment with oral and topical neguvon, resulting hide damage economically important to leather industry: Santiago

Metrifonate
Denham, D. A.; and Holdsworth, R. J., 1971, Tr. Roy. Soc. Trop. Med. and Hyg., v. 65 (5), 696
action of metrifonate on Schistosoma mansoni and S. haematobium in vitro, powerful but reversible paralysing effect on adult schistosomes apparently affected by anatomical sites in which parasites live

Trichlorfon -- Continued.

Neguvon
Dickel, H., 1977, Prakt. Tierarzt, v. 58 (2), 92, 94, 96
trichinosis, hunting dog probably infected by wild swine, injection of neguvon, good results; incidence in wild and domestic swine: Germany

Trichlorfon (Dylox)
Dobson, K. J., 1977, Austral. Vet. J., v. 53 (3), 115-117
trichlorfon, toxicity in pigs

Trichlorfon
Dorchies, P.; and Amalric, M., 1977, Rev. Med. Vet., Toulouse, v. 128 (1), 7-24
gastrointestinal helminths, gastrophilosis, horses, anthelmintics, drug efficacy, review

Trichlorfon
Douch, P. G. C.; and Gahagan, H. M., 1977, Xenobiotica, v. 7 (5), 301-307
Moniezia expansa, Ascaris lumbricoides var suum, reduction and/or hydrolysis of niclosamide and related compounds by intact helminths and by enzyme preparations from the helminths and from mouse and sheep liver homogenates, reduction of niclosamide inhibited by allopurinol, indicates that coadministration of niclosamide and allopurinol might improve efficacy of anthelmintic, hydrolysis of benzanilide and related compounds inhibited by anthelmintic organophosphates

Trichlorfon
Douch, P. G. C.; and Gahagan, H. M., 1977, Xenobiotica, v. 7 (5), 309-314
Ascaris lumbricoides var suum, N-deacetylase, localization and some properties, inhibition by anthelmintic organophosphates indicates they have potential use as adjuvants for anthelmintics of other chemical classes

Trichlorfon
Drudge, J. H.; Lyons, E. T.; and Tolliver, S. C., 1975, Am. J. Vet. Research, v. 36 (3), 251-253
Gasterophilus intestinalis, G. nasalis, oral stages in horses and ponies (nat. and exper.), activity of several organophosphorus compounds in various formulations and levamisole-piperazine mixture

Trichlorfon + Phenothiazine + Piperazine (=Dyrex T. F.)
Drudge, J. H.; Lyons, E. T.; and Tolliver, S. C., 1975, Am. J. Vet. Research, v. 36 (3), 251-253
Gasterophilus intestinalis, G. nasalis, oral stages in horses and ponies (nat. and exper.), activity of several organophosphorus compounds in various formulations and levamisole-piperazine mixture

Trichlorfon -- Continued.

Trichlorfon
Drummond, R. O.; et al., 1977, J. Econom. Entom., v. 70 (2), 176-178
Hypoderma lineatum, cattle, efficacy of 5 animal systemic insecticides, log-probit analysis, good results; methoprene in drinking water did not prevent larvae from encapsulating in backs of cattle, but prevented adults from emerging from pupae: Texas

Trichlorophone (Metrifonate)
Duke, B. O. L., 1974, Ann. Trop. Med. and Parasitol., v. 68 (2), 241-242
Onchocerca volvulus, chimpanzee (exper.), trichlorophone is no more than microfilaricide and shows no promise as macrofilaricide for West African forest strain

Trichlorfon
Garlick, N. L., 1976, Clin. Toxicol., v. 9 (6), 981-992
Dirofilaria immitis, dogs, drug-induced shock precipitated by microfilariae, proposed hypothesis

Metrifonate (Trichlorfon; Bilarcil)
Gear, N. R., 1976, Comp. Biochem. and Physiol., v. 55 (1C), 5-10
4 Schistosoma spp., response to various acetylcholinesterase and cholinesterase inhibitors on hydrolysis of acetylcholine by parasite extracts

Masoten
Gerard, J. P., 1976, Bull. Franc. Piscicult. (262), 1-4
masoten treatment of fish parasites, toxicity

Hypodermin-chlorophos
Getta, G. I.; and Kruchinina, M. P., 1976, Sborn. Nauch. Rabot. SibNIVI, Sibirsk. Nauchno-Issled. Vet. Inst. (26), 105-110
hypodermiasis, bovine, comparative study on effectiveness of kriofos and hypodermin-chlorophos

Neguvon
Gorgas, M., 1976, Zool. Garten N. F., v. 46 (1-2), 82-85
Toxocara leonina, T. cati, tigers, cerebral disorders caused by somatically migrating larvae, treatment with neguvon and thiabendazole

Soldep (Trichlorfon)
Greco, V.; and Saly, A., 1976, Veterinarstvi, v. 26 (6), 258-259
Haematopinus suis, swine, testing of several insecticides

Trichlorfon
Greve, J. H.; and Paul, J. W., 1976, Vet. Med. and Small Animal Clin., v. 71 (12), 1737-1740, 1742
horse parasites, enteric-coated microencapsulated trichlorfon, critical and field evaluations, drug efficacy

Trichlorfon -- Continued.

Metrifonate (Trichlorophone; Dipterex; Bilarcil)
Haas, J.; Hansen, G.; and Jarrett, B., 1976, Immun. u. Infekt., v. 4 (4), 162-167
Schistosoma haematobium, ambulatory treatment of patients with metrifonate, effective and well tolerated: Bong Mine Hospital, Monrovia, Liberia

Chlorophos
Il'iashchenko, V. I., 1973, Vestnik Sel'skokhoz. Nauki Kazakhstana (11), 119-121
Psoroptes cuniculi, aerosol foam tested in vitro, weakly active, not tested in vivo

Neguvon
Isenbuegel, E., 1976, Prakt. Tierarzt, v. 57, Sondernummer, 21-27
Capillaria erinacei, hedgehogs

Metrifonate
James, C.; and Webbe, G., 1974, Ann. Trop. Med. and Parasitol., v. 68 (4), 487
Schistosoma japonicum, hamsters, metrifonate not very effective

Metrifonate (Bilarcil)
James, C.; and Webbe, G., 1974, Tr. Roy. Soc. Trop. Med. and Hyg., v. 68 (5), 413 [Letter]
Schistosoma haematobium in baboon (exper.), pronounced irreversible lung shift of worms after metrifonate therapy with resulting death of majority of trapped worms

Metrifonate (Bilarcil)
Jewsbury, J. M.; and Cooke, M. J., 1976, Ann. Trop. Med. and Parasitol., v. 70 (3), 361-363
metrifonate a safe and effective prophylactic against Schistosoma haematobium but relatively ineffective against S. mansoni, field trials: Rhodesia

Metrifonate (Bilarcil)
Jewsbury, J. M.; Cooke, M. J.; and Weber, M. C., 1977, Ann. Trop. Med. and Parasitol., v. 71 (1), 67-83
field trial using metrifonate as both therapy and prophylactic against human schistosomiasis; highly effective against Schistosoma haematobium; little response in S. mansoni cases: Rhodesia

Hypocid
Kadlec, V.; and Kubelka, J., 1974, Vet. Med., Praha, v. 47, v. 19 (5), 249-254
Demodex ovis, sheep, measurements of larvae, nymphs and adults, histopathology, treatment with Hypocid, better success with Sulikol, sulfur compound, first cases reported in Czechoslovak Socialist Republic

Trichlorfon
Khan, M. A., 1977, Vet. Parasitol., v. 3 (3), 217-223
Hypoderma spp., cattle, feasibility of extermination on a regional basis with systemic insecticides: Wetaskiwin County, Alberta, Canada

Trichlorfon -- Continued.

Neguvon
Klein Mori, J., 1972, Rev. Med. Vet. y Parasitol., Maracay, v. 24 (1-8), 1971-1972, 207-226
gastrointestinal nematodes, sheep, Neguvon, Ripercol, Thibenzoline, comparison, various management systems, all effective, Ripercol easiest to administer, Neguvon somewhat toxic

Ditrifon + Dimethylsulphoxide
Kobulej, T., 1972, Parasitol. Hungar., v. 5, 273-285
Hypoderma spp. in cattle, suggested control measure to be carried out in autumn on all cattle in endemic areas using ditrifon + dimethylsulphoxide as a pour-on dressing: Hungary

Metrifonate (Trichlorofone; Trichlorfos; Dipterex; Bilarcil)
Koura, M.; Bell, D. R.; and Gilles, H. M., 1974, Ann. Trop. Med. and Parasitol., v. 68 (3), 337-341
Schistosoma mansoni, mice, metrifonate, no evidence of increased lung shift with increasing age of infection

Metrifonate (Neguvon)
Laemmler, G.; and Gruener, D., 1975, Tropenmed. u. Parasitol., v. 26 (3), 359-369
Litomosoides carinii in Mastomys natalensis (exper.), 12 organophosphorus compounds tested for efficacy against micro- and macrofilarial infections

Metrifonat (Neguvon)
Laemmler, G.; and Gruener, D., 1976, Berl. u. Munchen. Tierarztl. Wchnschr., v. 89 (11), 222-225; (12), 229-233
Capillaria hepatica in Mastomys natalensis, comparative activity of 24 anthelmintics, possible model screening system

Neguvon
Lazarov, V., 1975, Dokl. Sel'skokhoziaistv. Akad. im. Georgiia Dimitrova, v. 8 (3), 101-104
Neguvon, poultry, physiopathology of intoxication

Trichlorfon (Neguvon)
Leland, S. E., jr.; et al., 1975, Am. J. Vet. Research, v. 36 (4), Part 1, 449-456
Cooperia punctata, in vitro-grown parasitic stages, evaluation of 28 anthelmintics using presumptive and confirmatory tests, comparison of in vitro potency with established in vivo activity against Cooperia and various other parasites, potential usefulness as preliminary screening method

Dylox
Loyacano, H. A., jr.; and Crane, J. S., 1977, Progr. Fish Cult., v. 39 (1), 39-40
Ichthyophthirius multifiliis in Anguilla rostrata, malachite green alone and combined with formalin (good results), Dylox (ineffective)

Trichlorfon -- Continued.

Trichlorfon + Levamisole hydrochloride
Lyons, E. T.; Drudge, J. H.; and Tolliver, S. C., 1975, Proc. Helminth. Soc. Washington, v. 42 (2), 128-135
internal parasites of naturally infected horses, critical tests of levamisole alone or mixed with piperazine or trichlorfon, via stomach tube or in feed, varying rates of effectiveness, no toxicosis

Trichlorfon (Combot)
Lyons, E. T.; Drudge, J. H.; and Tolliver, S. C., 1976, J. Parasitol., v. 62 (3), 453-459
Parascaris equorum, foals (nat. and exper.), development and location of migrating larvae at specific time intervals after infection, evaluation of possible chemotherapeutic activity of several anthelmintics against migrating and early enteric-stage larvae

Trichlorfon
Lyons, E. T.; Drudge, J. H.; and Tolliver, S. C., 1977, Am. J. Vet. Research, v. 38 (6), 721-723
helminths and bots in horses, thiabendazole and trichlorfon sequentially administered via stomach tube, critical testing, drug efficacies, good results

Trichlorophon
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

Trichlorfon (Neguvon)
Maurer, N. D.; and Bell, R. R., 1977, Southwest. Vet., v. 30 (2), 176-179
Onchocerca cervicalis, naturally infected-ponies, injectable trichlorfon, no effect: Texas

Neguvon
May, I.; Putin, M.; and Aciocirlanoaia, V., 1975, Rev. Crest. Animalelor, v. 25 (12), 48-51
Demodex bovis in cattle, clinical aspects, diagnosis, treatment with neguvon

Trichlorphon (Hypocid; Neohypodermin; Gipodermin-chlorofos)
Minar, J.; et al., 1974, Vet. Med., Praha, v. 47, v. 19 (5), 239-248
hypodermatosis, cattle, trials of various formulations and concentrations of trichlorphon, Hypocid most successful: Czechoslovakia

Hypocid
Minar, J.; et al., 1974, Veterinarstvi, v. 24 (3), 119-120
warble fly, treatment with hypocid, cattle: central Slovakia

Trichlorfon -- Continued.

Neguvon
Mohammed, M. A.; Atef, M.; and Shihata, I. M., 1976, Egypt. J. Vet. Sc., v. 11 (1-2), 1974, 1-5
Eimeria tenella, poultry, efficiency of insecticides and disinfectants against oocysts

Metriphonate
Muller, R., 1976, Pathophysiol. Parasit. Infect., 133-147
Dracunculus medinensis in rhesus monkeys, pathological processes associated with emergence of female worms, chemotherapy (some drugs had no effect on pre-emergent worms but markedly reduced host tissue reaction thus allowing easier extraction)

Neguvon
Muraleedharan, K.; et al., 1977, Indian Vet. J., v. 54 (9), 703-708
Schistosoma nasale, cattle, comparative efficacy of neguvon, ambilhar and sodium antimony tartarate

Metriphonate
Pavlicek, J.; and Dykova, I., 1976, Vet. Med., Praha, v. 49, v. 21 (6), 353-358
Ascaridia galli, chickens of different age groups, effectiveness of piperazine, tetramisole and metriphonate, metriphonate entirely ineffective; tissue reaction of host and number of worms as measures of effectiveness

Chlorophos
Pavlova, R. N.; and Getta, G. I., 1976, Sborn. Nauch. Rabot. SibNIVI, Sibirsk. Nauchno-Issled. Vet. Inst. (26), 111-115
chlorophos, dosage requirements in calves, effect on blood chemistry

Neguvon
Rahman, A.; and Khaleque, A., 1974, Vet. Med. Rev. (4), 379-382
Stephanofilaria assamensis, cattle, Neguvon: Bangladesh

Trichlorphon
Rawlins, S. C.; and Mansingh, A., 1977, PANS, v. 23 (2), 137-142
Boophilus microplus, Jamaican strain, susceptibility to 35 acaricides, carbamates more effective than organophosphates or formamidines, chlorinated hydrocarbons least effective, comparison of resistance pattern with susceptible and resistant Australian strains

Trichlorfon -- Continued.

Metrifonate (Bilarcil; Trichlorfone; Trichlorphon)
Reddy, S.; Oomen, J. M. V.; and Bell, D. R., 1975, Ann. Trop. Med. and Parasitol., v. 69 (1), 73-76
Schistosoma haematobium, schoolchildren with heavy infections, metrifonate effective and well tolerated in field trial: northern Nigeria

Dylox
Roegge, M. A.; Rutledge, W. P.; and Guest, W. C., 1977, Aquaculture, v. 12 (2), 137-140
Zoothamnium sp. on larval Macrobrachium acanthurus, chemical control: copper sulfate, dylox, methylene blue, terramycin, combiotic, potassium permanganate, Roccal, nitrofurazone, and malachite green showed little control or were toxic to larvae; formalin at 50 ppm gave complete control, and had no ill effects on larvae: aquaculture, Kerr County, Texas

Neguvon
Rusch, K., 1966, Bol. Chileno Parasitol., v. 21 (4), 130-132
Sarcoptes scabiei, severe debilitating sarcoptic mange in Lama lama successfully treated with neguvon, associated infections of Fasciola hepatica responded to carbon tetrachloride therapy, clinical case report: experimental breeding farm, Chile

Trichlorfon + Coumaphos
Silvestri G., R.; Himes, J. A.; and Edds, G. T., 1975, Am. J. Vet. Research, v. 36 (3), 283-287
sheep (adult Florida Native wethers), effect of oral administration of coumaphos alone or with trichlorfon on erythrocyte acetylcholinesterase and other blood constituents

Trichlorfon + Coumaphos
Silvestri G., R.; Himes, J. A.; and Edds, G. T., 1975, Am. J. Vet. Research, v. 36 (3), 289-292
sheep (ewes and wethers), interaction of coumaphos with trichlorfon, bishydroxycoumarin (an anticoagulant), or phenobarbital sodium (as possible modifier of toxicity), erythrocyte acetylcholinesterase activity and other blood values

Neguvon
Singh, B. P.; and Ahluwalia, S. S., 1977, Indian Vet. J., v. 54 (10), 859-861
Orientobilharzia dattai, sheep, goats, white mice (all exper.), oral or subcutaneous neguvon does not achieve complete cure

Trichlorfon -- Continued.

Trichlorfon + Phenothiazine + Piperazine (=Dyrex T.F.)
Slocombe, J. O. D.; and Cote, J. F., 1977, Canad. Vet. J., v. 18 (8), 212-217
small strongyles, horses, cross resistance to cambendazole, thiabendazole, and mebendazole, susceptibility to non-benzimidazole compounds

Trichlorfon + Thiabendazole
Slocombe, J. O. D.; and Cote, J. F., 1977, Canad. Vet. J., v. 18 (8), 212-217
small strongyles, horses, cross resistance to cambendazole, thiabendazole, and mebendazole, susceptibility to non-benzimidazole compounds

Trichlorfon (Neguvon)
Stendel, W., 1977, Vet. Parasitol., v. 3 (3), 245-249
Hypoderma, cattle, comparison of suitability of fenthion pour-on and trichlorfon spot-on for controlling larval stages under German conditions

Dyvon-in-oil
Thornberry, H., 1976, Irish Vet. J., v. 30 (6), 83-88
Hypoderma bovis, H. lineatum, cattle, eradication trials, Dyvon-in-oil, Tiguvon, Ruelene 25E, Ruelene 6R, pour-on applications, good results: Ireland

Neguvon
Varshney, T. R.; and Singh, Y. P., 1976, Indian Vet. J., v. 53 (9), 672-676
Haemonchus contortus, trichostrongyles, Trichuris, lambs, critical trial, efficacy and economic value, various anthelmintics: Central Sheep and Wool Research Station, Pashulok Rishikesh (Dehradun)

Trichlorphon (Dylox inject)
Viljoen, J. H., 1976, J. South African Vet. Ass., v. 47 (3), 161-169
Parafilaria bovicola, calves, prepatent period, clinical aspects, filaricidal effects of 9 compounds; levamisole hydrochloride and fenbendazole reasonably effective: vicinity of Onderstepoort

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Trichlorfon butonate. See Butonate.

Trichlorfos. See Trichlorfon.

Trichlorofone. See Trichlorfon.

2,2,2-Trichloro-1-hydroxy-ethyl-phosphonic acid dimethyl ester. See Trichlorfon.

Trichloronitromethane. See Chloropicrin.

0-(2,4,5-Trichlorophenyl) 0,0-dimethyl phosphorothioate. See Ronnel.

5-(2,4,5-Trichlorophenyl)hydantoin and related compounds
Werbel, L.; et al., 1977, J. Med. Chem., v. 20 (12), 1569-1572
Schistosoma mansoni, clinical trials in mice and rhesus monkeys testing efficacy of 5-(2,4,5-trichlorophenyl)hydantoin and related compounds against that of lucanthone and niridazole

Trichlorophon. See Trichlorfon.

1,1,1-Tri-(4-chlorphenyl)-propionic acid-(4-methyl-piperazid)-hydro-chloride. See Hetolin.

Trichlorphon. See Trichlorfon.

Trichomycine
Counio, 1975, Marseille Med., v. 112 (4), 233-237
human vaginitis, good treatment results in combined use of hormones and trichomonicides: France

Trichomycin
Lee, J. C., 1972, Nettai Igaku (Trop. Med.), v. 14 (2), 97-110
Trichomonas vaginalis, in vitro growth inhibiting effects of 8 antitrichomonal drugs; therapeutic effects of trichomycin, piperanitrozole, metronidazole and nimorazole against abscess formation in mice (exper.)

Tricombil. See Sulfadiazine or Sulfamerazine or Sulfamethazine.

7'-Trifluormethyl-dihydrocinchonine dihydrochloride
Mattock, N. M; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 349-357
Leishmania mexicana mexicana, L. tropica major, L. donovani amastigotes in dog sarcoma cells and in hamster peritoneal exudate cell line, techniques for studying sensitivity of parasites and hosts to drugs, concluded that tissue culture system is valid way of determining baseline sensitivity of a Leishmania to chemotherapy, illustrative data with amphotericin B and 7'-trifluormethyl-dihydrocinchonine dihydrochloride

3,6-Trifluoromethyl-alpha-(2-piperidyl)-9-phenanthrenemethanol. See α-(2-Piperidyl)-3,6-bis (trifluoromethyl)-9-phenanthrene methanol.

2β,3β,14-Trihydroxy-5β-cholest-7-en-6-one (MJT 111-448)
Chamberlain, W. F.; and Becker, J. D., 1977, Southwest. Entom., v. 2 (4), 179-182
Xenopsylla cheopis, inhibition of cocoon formation and adult emergence by insect growth regulators, possible means of control

Trimelarsen. See Melarsonyl potassium.

Trimethoprim -- Bactrim (with Sulfamethoxazole); CN 3123 (with Sulfamoxole); Co-trimoxazole (with Sulfamethoxazole); 2,4-Diamino-5-(3,4,5-trimethoxybenzyl)-pyrimidine; Nevin (Chemie Grunenthal GmbH) (with Sulfamoxole); Septrin (with Sulfamethoxazole); Supristol (with Sulfamoxole); Tribrissen (with Sulfadiazine); Trimetoprin; Trimetroprim; WR 5949.

Trimethoprim + Sulfamoxole (= CN 3123; Nevin; Supristol)
Arzneimittel-Forsch., v. 26 (4a), 1976, 595-678
sulfamoxole in combination with trimethoprim, multiple articles testing pharmacological properties, efficacy in parasitic and bacterial infections and possible toxicity

Trimethoprim + Sulfalene
Canfield, C. J.; et al., 1971, Am. J. Trop. Med. and Hyg., v. 20 (4), 524-526
clinical trials using trimethoprim in combination with sulfalene in treatment of drug resistant Plasmodium falciparum, results not as satisfactory as presently used regimens except in patients having repeated recrudescences after previous standard therapy

Trimethoprim + Quinine + Sulphamethoxazole
Colwell, E. J.; Hickman, R. L.; and Kosakal, S., 1973, Ann. Trop. Med. and Parasitol., v. 67 (2), 125-132
Plasmodium falciparum, human, acute malaria, quinine-tetracycline, quinine-sulphamethoxazole-trimethoprim, onset of action, cure rate, cost, patient acceptability: Thailand

Trimethoprim -- Continued.

Trimethoprim (WR 5949)
Davidson, D. E., jr.; et al., 1976, Am. J. Trop. Med. and Hyg., v. 25 (1), 26-33
Plasmodium cynomolgi var. bastianellii, trophozoite-induced malaria in Macaca mulatta as antimalarial drug testing system

Trimethoprim + Sulfamethoxazole (=Bactrim)
Domart, A.; Robineau, M.; and Carbon, C., 1973, Nouv. Presse Med., v. 2 (5), 321-322 [Letter]
human acquired toxoplasmosis, sulfamethoxazole + trimethoprim results in rapid regression of symptoms

Trimethoprim-Sulfadiazine (= Tribrissen)
Duerr, U. M., 1976, Tierarztl. Umschau, v. 31 (4), 177-178
coccidiosis of dogs and cats, clinical trials of Trimethoprim-Sulfadiazine, good results

Trimethoprim
Duma, R. J.; and Finley, R., 1976, Antimicrob. Agents and Chemotherapy, v. 10 (2), 370-376
Naegleria fowleri, Acanthamoeba castellanii, A. polyphaga, in vitro susceptibility to variety of therapeutic agents, results suggest that amphotericin B is most effective agent against Naegleria but few agents are effective against Acanthamoeba

Trimethoprim + Sulfamethoxazole
Duma, R. J.; and Finley, R., 1976, Antimicrob. Agents and Chemotherapy, v. 10 (2), 370-376
Naegleria fowleri, Acanthamoeba castellanii, A. polyphaga, in vitro susceptibility to variety of therapeutic agents, results suggest that amphotericin B is most effective agent against Naegleria but few agents are effective against Acanthamoeba

Trimetroprim
Dvorak, M.; et al., 1977, Veterinaria, Praha, v. 19 (1-2), 31-73
coccidiosis, poultry, preclinical tests using darvisul as standard for comparison, screening trials with sulphonamides and diaminopyrimidines; development of preparation Sulfakombin suitable for administration in water

Trimetoprin + Sulfamethoxazole
Fegies, M.; and Guerrero, J., 1977, Tr. Roy. Soc. Trop. Med. and Hyg., v. 71 (2), 178-179
Toxoplasma gondii in humans, levamisole used alone or in conjunction with sulfamethoxazole and trimetoprin as chemical immunomodulator of cellular immune response, results of clinical trials favorable

Trimethoprim -- Continued.

Trimethoprim + Sulfamoxole (= CN 3123; Nevin; Supristol)
Kohlmann, F. W.; and Sous, H., 1976, Arzneimittel-Forsch., v. 26 (4a), 618-620
pharmacological action and efficacy of combination sulfamoxole and trimethoprim against Plasmodium gallinaceum in chickens and Plasmodium berghei in mice, laboratory trials

Trimethoprim + Sulfamethoxazole (= Bactrim)
Lafrenz, M.; et al., 1973, Munchen. Med. Wchnschr., v. 115 (46), 2057-2061
Toxoplasma gondii, laboratory trials with mice and human clinical trials using combined sulfamethoxazole and trimethoprim, few side-effects: Rostock

Trimethoprim + Sulfamethoxazole (= Co-trimoxazole)
Lau, W. K.; and Young, L. S., 1976, N. England J. Med., v. 295 (13), 716-718
Pneumocystis carinii pneumonia in adults on immunosuppressive therapy successfully treated with co-trimoxazole; results comparable to those reported for pentamidine

Co-trimoxazole (Bactrim)
Lau, W. K.; Young, L. S.; and Remington, J. S., 1976, J. Am. Med. Ass., v. 236 (21), 2399-2402
Pneumocystis carinii, human pneumonia, diagnosis by examination of pulmonary secretions, co-trimoxazole or pentamidine alone or with sulfadiazine-pyrimethamine: California

Trimethoprim + Sulfamethoxazole (= Co-trimoxazole)
Lefkowitz, L. B., jr., 1977, N. England J. Med., v. 296 (1), 47 [Letter]
Pneumocystis carinii pneumonia in immunologically compromised patients, recommendations and suggestions for co-trimoxazole therapy

Trimethoprim + Sulfamethoxazole
Maier, W.; and Piekarski, G., 1976, Arzneimittel-Forsch., v. 26 (4a), 620-622
laboratory trials comparing efficacy of combination trimethoprim/sulfamoxole with trimethoprim/sulfamethoxazole, Toxoplasma gondii-infected albino mice

Trimethoprim + Sulfamoxole (= CN 3123; Nevin; Supristol)
Maier, W.; and Piekarski, G., 1976, Arzneimittel-Forsch., v. 26 (4a), 620-622
laboratory trials comparing efficacy of combination trimethoprim/sulfamoxole with trimethoprim/sulfamethoxazole, Toxoplasma gondii-infected albino mice

Trimethoprim -- Continued.

Trimethoprim
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 359-371
Leishmania spp. in tissue culture model system, variety of compounds used in treatment of parasitic or bacterial infections tested for activity, concluded that model may be of use in screening of drugs for leishmanicidal action

Trimethoprim + Sulfamethoxazole (= Co-trimoxazole)
Miser, J. S.; Savitch, J.; and Bleyer, W. A., 1977, N. England J. Med., v. 296 (1), 47 [Letter]
Pneumocystis carinii pneumonia in immunologically compromised patients, recommendations and suggestions for co-trimoxazole therapy

Trimethoprim
Nguyen, B. T.; and Stadtsbaeder, S., 1975, Path. Europ., v. 10 (4), 307-315
Toxoplasma gondii in culture, trimethoprim alone or with sulfamethoxazole as synergist (cotrimoxazole) resulted in inhibition of intracellular multiplication, prolonged therapy resulted in eradication of organisms from cell monolayers; similar trials with spiramycin ineffective

Trimethoprim + Sulfamethoxazole (= Cotrimoxazole)
Nguyen, B. T.; and Stadtsbaeder, S., 1975, Path. Europ., v. 10 (4), 307-315
Toxoplasma gondii in culture, trimethoprim alone or with sulfamethoxazole as synergist (cotrimoxazole) resulted in inhibition of intracellular multiplication, prolonged therapy resulted in eradication of organisms from cell monolayers; similar trials with spiramycin ineffective

Trimethoprim
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

Trimethoprim
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

Trimethoprim + Sulphamethoxazole (= Septrin)
Pietrushka, D.; et al., 1974, J. Protozool., v. 21 (3), 465 [Abstract]
Isospora belli causing severe coccidiosis in a 51-year-old woman, partial remission with relapse obtained with Entobex, radical cure with Septrin: Israel

Trimethoprim -- Continued.

Cotrimoxazol
Stadtsbaeder, S.; Nguyen, B. T.; and Calvin-Preval, M. C., 1975, Ann. Immunol., v. 126C (4), 461-474
Toxoplasma gondii, mice, immunization with living parasites concomitant to cotrimoxazol treatment, phagocytosis/penetration and intracellular multiplication of Toxoplasma in normal or immune macrophages in the absence or presence of specific antibodies

Trimethoprim + Sulphamethoxazole (= Septrin)
Wilkinson, R. N.; Colwell, E. J.; and Neoypatimanond, S., 1973, Tr. Roy. Soc. Trop. Med. and Hyg., v. 67 (1), 148-149 [Letter]
Plasmodium falciparum, gametocytes not sterilized by sulphamethoxazole-trimethoprim treatment, this treatment regimen should be supplemented by effective gametocytocidal or sporontocidal drug to interrupt transmission

Trimethoprim + Sulfamethoxazole (= Co-trimoxazole)
Young, L. S.; and Lau, W. K., 1977, N. England J. Med., v. 296 (1), 48 [Letter]
Pneumocystis carinii pneumonia in immunologically compromised patients, recommendations and suggestions for co-trimoxazole therapy

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3,7,11-Trimethyl-2,6,10-dodecatrienal
Boisvenue, R. J.; Emmick, T. L.; and Galloway, R. B., 1977, Exper. Parasitol., v. 42 (1), 67-72
Haemonchus contortus, some compounds with juvenile hormone activity inhibited in vitro development of infective larvae, none of these compounds had anthelmintic properties against Ascaris suum or Nematospiroides dubius in mice

3,7,11-Trimethyl-2,6,10-dodecatrienoic acid
Boisvenue, R. J.; Emmick, T. L.; and Galloway, R. B., 1977, Exper. Parasitol., v. 42 (1), 67-72
Haemonchus contortus, some compounds with juvenile hormone activity inhibited in vitro development of infective larvae, none of these compounds had anthelmintic properties against Ascaris suum or Nematospiroides dubius in mice

3,7,11-Trimethyl-2,6,10-dodecatrien-1-ol (Farnesol)
Boisvenue, R. J.; Emmick, T. L.; and Galloway, R. B., 1977, Exper. Parasitol., v. 42 (1), 67-72
Haemonchus contortus, some compounds with juvenile hormone activity inhibited in vitro development of infective larvae, none of these compounds had anthelmintic properties against Ascaris suum or Nematospiroides dubius in mice

3,7,11-Trimethyl-2,6,10-dodecatrienyl acetate
Boisvenue, R. J.; Emmick, T. L.; and Galloway, R. B., 1977, Exper. Parasitol., v. 42 (1), 67-72
Haemonchus contortus, some compounds with juvenile hormone activity inhibited in vitro development of infective larvae, none of these compounds had anthelmintic properties against Ascaris suum or Nematospiroides dubius in mice

Trimethyl-3,5,6-nitro-2-benzofuran
Cavier, R.; and Cenac, J., 1976, Ann. Pharm. Franc., v. 34 (3-4), 139-142
Entamoeba histolytica, in vitro and in vivo trials with infected rats testing efficacy of substituted 2-nitro benzofurans; trimethyl-3,5,6-nitro-2-benzofuran shows promising activity in comparison to results using diphetarsone or phanquinone

Trimethylphenyl methylcarbamate
Gladney, W. J., 1976, J. Econom. Entom., v. 69 (6), 757-760
insecticides, field trials in controlled-release devices for control of Amblyomma maculatum and Cochliomyia hominivorax, cattle: northeastern Starr Co., Texas

Trimetoprin. See Trimethoprim.

Trimetroprim. See Trimethoprim.

Triostam. See Antimony sodium gluconate.

Tripelennamine HCl (Vetibenzamine)
Ridgway, J. R., 1973, Vet. Rec., v. 92 (14), 382 [Letter]
Trombicula autumnalis, horses, lesions and clinical signs, effectively treated with tripelennamine HCl and wash of derris, case report: field at foot of the North Downs

Triprene -- S-Ethyl (E,E)-11-methoxy-3,7,11-trimethyl-2,4-dodecadienethioate.

Triprene
Chamberlain, W. F.; and Becker, J. D., 1977, Southwest. Entom., v. 2 (4), 179-182
Xenopsylla cheopis, inhibition of cocoon formation and adult emergence by insect growth regulators, possible means of control

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4'2"4"' Tripropionyl megalomicin A
Panitz, E., 1974, Proc. Helminth. Soc. Washington, v. 41 (1), 111-112
Eimeria tenella, chicks, megalomicin complex, anticoccidial activity, effect of structural changes of components

Tris(4-amino-phenyl-carbonium)pamoate. See Pararosaniline.

Trisdehydroemetine
Entner, N.; and Grollman, A. P., 1973, J. Protozool., v. 20 (1), 160-163
Entamoeba histolytica, effect of amebicidal agents on protein synthesis, correlation of drug structural characteristics with biologic activity, implications for designing drugs with increased margin of selective toxicity for parasite vs. host

Triserve. See Methyridine.

Trithiadol. See Bithionol or Calcium sulfate or Methiotriazamine.

Trivalent tryparsamide. See Tryparsamide.

Trodax. See Nitroxynil.

Trolene. See Ronnel.

Trypan blue
Antychowicz, J., 1977, Bull. Vet. Inst. Pulawy, v. 21 (1-2), 35-43
Ichthyophthirius multifiliis, influence of copper sulphate, malachite green, methylene blue, trypan blue and Neguvon on development

Trypan blue
Irvin, A. D.; and Young, E. R., 1977, Nature, London (5627), v. 269, 407-409
Babesia spp., in vitro test for screening drug activity which exploits finding that Babesia parasites readily incorporate hypoxanthine in an in vitro culture system, may also be used to detect drug resistance patterns and have possible application in primary screening of antimalarial drugs

Trypanocides
Collomb, H.; Dumas, M.; and Girard, P. L., 1973, Medecine Afrique Noire, v. 20 (11), 837-841
human trypanosomiasis, clinical indications for treatment, drugs of choice

Trypanocides
Freeman, J. C.; Hudson, K. M.; and Byner, C., 1974, Tr. Roy. Soc. Trop. Med. and Hyg., v. 68 (2), 149 [Abstract]
trypanosome-infected mice, immunosuppression with reduction of IgG producing cells, variations in response with administration of trypanocides prior and subsequent to antigen administration

Trypanocides
Goodwin, L. G.; and Tierney, E. D., 1976, Tr. Roy. Soc. Trop. Med. and Hyg., v. 70 (1), 21 [Demonstration]
trypanosome suspension (Trypanosoma brucei), titration technique on plastic microtest plates (Nunclon) to determine trypanocidal drug activity in body fluids and to detect contribution of humoral immunity to chemotherapeutic activity

Trypanocides
Janssens, P. G., 1973, Medecine Afrique Noire, v. 20 (11), 847-851
Trypanosoma gambiense, human, indications and guides for mass therapy

Trypanocides
Jennings, F. W.; et al., 1974, Tr. Roy. Soc. Trop. Med. and Hyg., v. 68 (2), 151 [Abstract]
T[rypanosoma] brucei-infected mice, immunosuppression, assessment of lymphoid cell response to antigenic stimulation by incorporation of iododeoxyuridine into lymph nodes; immunosuppression apparently specifically associated with presence of living trypanosomes as immunity partially restored if sensitization occurred same day as drug treatment

Trypanocides
Loppinet, V.; and Legait, J. P., 1974, Medecine Afrique Noire, v. 21 (4), 269-274
chemotherapy of human trypanosomiasis, drugs in current use, chemical structure and pharmacologic properties

Trypanocides
Opperdoes, F. R.; de Rijke, D.; and Borst, P., 1976, Comp. Biochem. and Physiol., v. 54 (1B), 7-12
Crithidia luciliae, characterization of mitochondrial adenine nucleotide translocator and ATPase, significant differences between ATPase of trypanosomes and their hosts that could potentially be exploited in chemotherapy

Trypanocides
Sylla, O., 1973, Medecine Afrique Noire, v. 20 (11), 827-834
human trypanosomiasis, drugs in current use, clinical indications, mode of action

Trypanocides
Toure, S. M., 1973, Medecine Afrique Noire, v. 20 (11), 855-862
trypanocides of veterinary interest and their indications for use, review

Trypanocides
Toure, S. M., 1973, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 26 (4), 113a-122a
use of trypanocides in veterinary medicine, review

Trypanocides
Tr. Roy. Soc. Trop. Med. and Hyg., 1976, v. 70 (2), 114-129
African and South American trypanosomiasis, 16th seminar on current status (epidemiology, chemotherapy, immunological research and problems of immunization, infection in domestic animals, vector control)

Tryparsamide -- Disodium N-phenylglycinamide-p-arsenodithioglycollate; Sodium N-phenylglycinamide-p-arsonate; Pentavalent tryparsamide; Trivalent tryparsamide.

Tryparsamide -- Continued.

Sodium N-phenyl-glycinamide-p-arsonate (Pentavalent tryparsamide)
Grewal, A. S.; and Gill, B. S., 1976, Indian J. Animal Sc., v. 45 (1), 1975, 36-39
Trypanosoma evansi, rats (exper.), 4 arsenicals, effect on trypanosome morphology and infectivity in vivo (mice)

Disodium N-phenylglycinamide-p-arsenodithioglycollate (Trivalent tryparsamide)
Grewal, A. S.; and Gill, B. S., 1976, Indian J. Animal Sc., v. 45 (1), 1975, 36-39
Trypanosoma evansi, rats (exper.), 4 arsenicals, effect on trypanosome morphology and infectivity in vivo (mice)

Tryparsamide
Macadam, R. F.; and Williamson, J., 1974, Ann. Trop. Med. and Parasitol., v. 68 (3), 301-306
Trypanosoma rhodesiense, suramin, tryparsamide, mapharside, drug effects on fine structure

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Tryparsamide, Pentavalent. See Tryparsamide.

Tryparsamide, Trivalent. See Tryparsamide.

Tubercidin -- 7-Deazaadenosine.

Tubercidin
Jaffe, J. J.; Doremus, H. M.; and Meymarian, E., 1976, J. Parasitol., v. 62 (6), 910-913
Fasciola hepatica, mice, tubercidin administered either intraerythrocytically or by direct intravenous injection, reduced number with active infections, increased host survival, mechanism presumed to involve purine metabolism, mode of entry into flukes unknown

Tubercidin -- Continued.

Tubercidin
Sherman, I. W.; and Jones, L. A., 1976, J. Protozool., v. 23 (2), 277-281
Plasmodium lophurae, reliable procedure for isolation of active ribosomes, optimal requirements for in vitro synthesis of proteins, effects of variety of drugs on duck reticulocyte and plasmodial ribosomes in cell-free protein-synthesizing systems (restricted selectivity not obtained)

Tubercidin
Williamson, J.; and Scott-Finnigan, T. J., 1975, Tr. Roy. Soc. Trop. Med. and Hyg., v. 69 (1), 1-2 [Demonstration]
Trypanosoma congolense, in vitro testing of antiviral and antitumor compounds with possible trypanicidal effects, probable RNA inhibition

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Tubulosine
Entner, N.; and Grollman, A. P., 1973, J. Protozool., v. 20 (1), 160-163
Entamoeba histolytica, effect of amebicidal agents on protein synthesis, correlation of drug structural characteristics with biologic activity, implications for designing drugs with increased margin of selective toxicity for parasite vs. host

Tylocrebrine
Entner, N.; and Grollman, A. P., 1973, J. Protozool., v. 20 (1), 160-163
Entamoeba histolytica, effect of amebicidal agents on protein synthesis, correlation of drug structural characteristics with biologic activity, implications for designing drugs with increased margin of selective toxicity for parasite vs. host

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Naegleria fowleri, Acanthamoeba castellanii, A. polyphaga, in vitro susceptibility to variety of therapeutic agents, results suggest that amphotericin B is most effective agent against Naegleria but few agents are effective against Acanthamoeba

Unistat. See Nitromide.

Urea
Qadir, A. N. M. A., 1976, Indian Vet. J., v. 53 (6), 448-450
Haemonchus sp., Trichostrongylus sp., Oesophagostomum sp., larvicidal action of 4 chemical compounds on infective nematode larvae in experimental outdoor plots; urea most effective

Urea
Qadir, A. N. M. A., 1976, Indian Vet. J., v. 53 (11), 855-858
gastrointestinal nematodes, goats and calves, urea for pasture control of free-living stages

Uredofos. See Diuredosan.

Urethane (Ethylcarbamate)
Bojan, F., 1976, Acta Vet., Budapest, v. 26 (2), 167-171
Trypanosoma equiperdum, mice (exper.), urethane, inhibition of trypanosome growth, underlying mechanism appears to be a reversible block of parasites' nucleic acid synthesis either by a metabolite of urethane, or by a factor induced by it in vivo; T. equiperdum appears to be suitable model for further studies on mitosis-inhibiting action of urethane

Usnic acid, sodium salt, alcohol solution
Madatov, R. I.; and Mershchiev, V. M., 1973, Vestnik Sel'skokhoz. Nauki Kazakhstana (11), 75-78
nosematosis, bees, chemotherapy, sulfapyridazine + chlortetracyclin most effective

Vagothyl
Balasz, A.; et al., 1976, Przegl. Lek., v. 33 (9), 824-826
human vaginal trichomoniasis with cervical erosion, therapy with vagothyl cures trichomoniasis but alters other vaginal flora

Vanpar. See Piperazine or Pyrvinium.

Vanquil. See Pyrvinium.

Vanquin. See Pyrvinium.

Vapona. See Dichlorvos.

Vaporal. See Dichlorvos or Ronnel.

Venturicidin
Warhurst, D. C.; Stamm, W. P.; and Phillips, E. A., 1976, Tr. Roy. Soc. Trop. Med. and Hyg., v. 70 (4), 279 [Demonstration]
Acanthamoeba isolated from eye of patient with corneal ulcer, characterization, chemotherapeutic tests, pathogenicity in mice, isolation from mouse brain

Verminun. See Parbendazole.

Vermiplex. See Dichlorophen or Toluene.

Vermitin. See Niclosamide.

Vermox. See Mebendazole.

Vesadin. See Sulfamethazine.

Vetibenzamine. See Tripelennamine HCl.

Vetox 85
Esuruoso, G. O., 1977, Bull. Animal Health and Prod. Africa, v. 25 (1), 65-72
Demodex folliculorum var. bovis in exotic and indigenous cattle, incidence, treatment trials (best results with selenium sulphide), constant presence of Staphylococcus aureus in lesions of demodectic mange indicated that it might aid in spread of lesions, immunization with S. aureus resulted in the reduction of mange lesions: southern Nigeria

Vidarabine -- Adenine arabinoside; Ara-A.

Adenine arabinoside (Ara-A)
Pfefferkorn, E. R.; and Pfefferkorn, L. C., 1976, J. Parasitol., v. 62 (6), 993-999
Toxoplasma gondii, adenine arabinoside inhibits DNA synthesis, more inhibitory to parasite than to cultured human fibroblast host cells, selection of single-step resistant mutant; cytosine arabinoside notably more inhibitory to cultured human cells than to T. gondii

Vincofos -- 2,2-Dichlorovinyl methyl octyl phosphate; Shell SD 15803.

2,2-Dichlorovinyl methyl octyl phosphate (Shell SD 15803)
Bello, T. R.; and Torbert, B. J., 1972, Am. J. Vet. Research, v. 33 (2), 329-334
anthelmintic (Shell SD 15803), pony foals, toxicity at excessive dosages

Vincofos
Garlick, N. L., 1976, Clin. Toxicol., v. 9 (6), 981-992
Dirofilaria immitis, dogs, drug-induced shock precipitated by microfilariae, proposed hypothesis

Vincofos
Hass, D. K., 1975, Proc. Helminth. Soc. Washington, v. 42 (2), 100-103
Ancylostoma caninum in beagles (exper.), vincofos effective against late third, fourth, early fifth, and juvenile stages, elimination of pathologic responses in host

Vincofos
Hass, D. K.; and Collins, J. A., 1976, Proc. Helminth. Soc. Washington, v. 43 (2), 135-137
helminths, dogs, comparative efficacy of vincofos, ticarbodine, mebendazole

Vinmethazine. See Sulfamethazine.

Vinx
Isenbuegel, E., 1976, Prakt. Tierarzt, v. 57, Sondernummer, 21-27
Archaeopsylla erinacei, hedgehogs

Viprinium embonate. See Pyrvinium.

Viprynium embonate. See Pyrvinium.

Warbex. See Famphur.

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Coles, G. C., 1975, J. Helminth., v. 49 (3), 205-209
Schistosoma mansoni schistosomula, 3-week-old, and adult worms, activity of 6 clinical and 6 experimental schistosomicides in vitro, concluded that meaningful screening for potential schistosomicides cannot at present be carried out in vitro

Whitsyn 10. See Pyrimethamine or Sulfaquinoxaline.

Wopell
Kulkarni, D.; Rao, Y. V. B. G.; and Rao, B. V., 1977, Indian Poultry Rev., v. 8 (17), 14-16
Ascaridia galli, chickens (exper.), tetramisole, morantel tartarate, wopell, anthelmintic efficacy, laboratory trial, tetramisole and morantel tartarate most effective against immature and mature stages, wopell only partially effective

Wopell
Narayana, K.; et al., 1976, Mysore J. Agric. Sc., v. 10 (1), 98-100
Dipylidium caninum, Taenia sp., dogs (nat. and exper.), wopell, good results

Worm Guard. See Parbendazole.

WR 3102
Rane, L.; Rane, D. S.; and Kinnamon, K. E., 1976, Am. J. Trop. Med. and Hyg., v. 25 (3), 395-400
Trypanosoma rhodesiense, test system to evaluate large numbers of candidate drugs based on mortality of mice with blood-induced infections, serves as primary screen or as secondary and confirmatory test for active compounds

WR 5,994
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

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Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

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Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

WR 6012
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

WR 6,025
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

WR 6025
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

WR 6026 2HCl
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

WR 7,312
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

WR 7573
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

WR 7573
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

WR 8,684
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

WR 8684 (SN 10,960) H_3PO_4
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

WR 29,634 2 HBr
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

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Hanson, W. L.; Chapman, W. L., jr.; and Kinnamon, K. E., 1977, Internat. J. Parasitol., v. 7 (6), 443-447
Leishmania donovani in Mesocricetus auratus model, existing procedure modified to make possible screening of 10-15 selected compounds per week for antileishmanial activity, glucantime used as reference compound

WR 77,135
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

WR 77,135
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

WR 79,301
Hanson, W. L.; Chapman, W. L., jr.; and Kinnamon, K. E., 1977, Internat. J. Parasitol., v. 7 (6), 443-447
Leishmania donovani in Mesocricetus auratus model, existing procedure modified to make possible screening of 10-15 selected compounds per week for antileishmanial activity, glucantime used as reference compound

WR 90,558
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

WR 90,558 acetate
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

WR 90,558 acetate
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

WR 91,808
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

WR 91,808 HCl
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

WR 91,808 HCl
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

WR 99,210 HBr
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

WR 99,210 HBr
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

WR 99,210 HCl
Rane, L.; Rane, D. S.; and Kinnamon, K. E., 1976, Am. J. Trop. Med. and Hyg., v. 25 (3), 395-400
Trypanosoma rhodesiense, test system to evaluate large numbers of candidate drugs based on mortality of mice with blood-induced infections, serves as primary screen or as secondary and confirmatory test for active compounds

WR 99,682
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

WR 99,682 HCl
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

WR 99,682 HCl
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

WR 106,147
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

WR 106,147 2 HCl
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

WR 106,147 2HCl
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

WR 113,254
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

WR 113,618
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

WR 113,618
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

WR 118,176
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

WR 118,176
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

WR 118,176
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

WR 135,403
Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

WR 135,403
Peters, W.; Davies, E. E.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (3), 311-328
Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

WR 135,403
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

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Mattock, N. M.; and Peters, W., 1975, Ann. Trop. Med. and Parasitol., v. 69 (4), 449-462
Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

WR 148,703
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Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

WR 148,703
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Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

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Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

WR 150,726 HCl
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Trypanosoma cruzi in mouse model, evaluation of potential antitrypanosomal compounds for suppressive activity equal to or greater than nifurtimox used as reference compound

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Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

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Hanson, W. L.; Chapman, W. L., jr.; and Kinnamon, K. E., 1977, Internat. J. Parasitol., v. 7 (6), 443-447
Leishmania donovani in Mesocricetus auratus model, existing procedure modified to make possible screening of 10-15 selected compounds per week for antileishmanial activity, glucantime used as reference compound

WR 159,817 2 methane sulphonate
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WR 161,085 2-naphthalene disulphonate 2HCl
Peters, W.; Portus, J. H.; and Robinson, B. L., 1975, Ann. Trop. Med. and Parasitol., v. 69 (2), 155-171
Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

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Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

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Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

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Leishmania donovani in Mesocricetus auratus model, existing procedure modified to make possible screening of 10-15 selected compounds per week for antileishmanial activity, glucantime used as reference compound

WR 181,517 HCl
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Leishmania spp. in tissue culture model system, leishmanicidal action of over 100 compounds examined

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Leishmania donovani in Mesocricetus auratus model, existing procedure modified to make possible screening of 10-15 selected compounds per week for antileishmanial activity, glucantime used as reference compound

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Plasmodium berghei, use of drug-sensitive strain and several drug-resistant lines derived from it for evaluation of a selection of old and new compounds, value as screening system for blood schizontocidal activity

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Leishmania donovani in Mesocricetus auratus model, existing procedure modified to make possible screening of 10-15 selected compounds per week for antileishmanial activity, glucantime used as reference compound

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Plasmodium yoelii nigeriensis-mouse model for screening drugs for causal prophylactic activity

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Trypanosoma cruzi in mouse model, evaluation of potential antitrypanosomal compounds for suppressive activity equal to or greater than nifurtimox used as reference compound

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2,4-Xylidine, N,N'-[(methylamino) dimethylidyne] bis [2,4-xylidine]. See Amitraz.

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Z-110
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    Demodex canis, dogs, treatment with chlorfenvinphos compounds

Zanil. See Oxyclozanide.

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Zoalene. See Dinitolmide.

Zoaline. See Dinitolmide.

Zoamix. See Dinitolmide.

Zylate. See Benzyl benzoate.

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